Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053472.D
Acq On : 29 Mar 2023 18:31
Operator : JC/MD
Sample : VU0329WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Quant Time: Mar 30 14:09:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.108	96	43677	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14871	0.943	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.000%			
68) 1,2-Dichlorobenzene-d4	12.188	152	15970	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	31062	1.967	ug/l	99
3) Chloromethane	1.520	50	31620	1.966	ug/l	93
4) Vinyl Chloride	1.604	62	33630	1.979	ug/l	98
5) Bromomethane	1.858	94	28245	2.007	ug/l	99
6) Chloroethane	1.932	64	19705	1.814	ug/l	93
7) Trichlorofluoromethane	2.137	101	48384	1.901	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	25026	1.984	ug/l	96
9) 1,1-Dichloroethene	2.578	96	22903	1.985	ug/l	95
10) Iodomethane	2.719	142	22406	2.109	ug/l	96
11) Allyl Chloride	2.922	41	25996	1.996	ug/l	91
12) Acrylonitrile	3.317	53	8631	3.851	ug/l	96
13) Acetone	2.639	43	24330	5.534	ug/l	100
14) Carbon Disulfide	2.790	76	65873	1.862	ug/l	96
15) Methylene Chloride	3.041	84	29012	0.506	ug/l	95
16) trans-1,2-Dichloroethene	3.353	96	25117	2.107	ug/l	93
17) 1,1-Dichloroethane	3.864	63	46495	2.137	ug/l	96
18) 2-Butanone	4.710	43	29823	6.665	ug/l	95
19) Cyclohexane	5.388	56	36341	2.028	ug/l	89
20) Methylcyclohexane	6.761	83	45364	2.027	ug/l	94
21) 2,2-Dichloropropane	4.661	77	38367	2.060	ug/l	94
22) cis-1,2-Dichloroethene	4.661	96	25208	1.946	ug/l	92
23) Diethyl Ether	2.375	59	18041	1.970	ug/l	94
24) tert-Butyl Alcohol	3.211	59	9813	11.787	ug/l #	1
25) Methyl tert-Butyl Ether	3.362	73	52517	2.053	ug/l	97
26) Bromochloromethane	4.973	128	11250	2.155	ug/l	95
27) Chloroform	5.086	83	45710	2.024	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	39141	2.010	ug/l	98
29) 1,1-Dichloropropene	5.520	75	34202	2.030	ug/l	99
30) Carbon Tetrachloride	5.520	117	31579	2.037	ug/l	96
31) Isopropyl Ether	3.989	45	61733	2.062	ug/l	98
32) Ethyl-t-butyl ether	4.497	59	66517	2.163	ug/l	97
33) Tert-Amyl methyl ether	5.935	73	57353	2.098	ug/l	98
34) Propionitrile	4.787	54	5713	7.359	ug/l #	16
35) Benzene	5.771	78	102845	2.086	ug/l	96
36) 1,2-Dichloroethane	5.790	62	28420	2.007	ug/l #	93
37) Trichloroethene	6.539	130	25534	2.060	ug/l	96
38) 1,2-Dichloropropane	6.783	63	26411	2.091	ug/l	99
39) Methacrylonitrile	4.970	41	5958	1.935	ug/l	90
40) Methyl acrylate	4.845	55	10345	1.853	ug/l #	92
41) Tetrahydrofuran	5.057	42	5893	3.666	ug/l #	82
42) 1-Chlorobutane	5.452	56	45186	2.016	ug/l	96
43) Dibromomethane	6.915	93	12614	2.096	ug/l	91
44) Bromodichloromethane	7.099	83	29877	1.986	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053472.D
Acq On : 29 Mar 2023 18:31
Operator : JC/MD
Sample : VU0329WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Quant Time: Mar 30 14:09:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	61538	9.859	ug/l		96
46) t-1,4-Dichloro-2-butene	10.819	75	25695	7.335	ug/l	#	45
47) Methyl methacrylate	6.957	69	21596	3.903	ug/l		98
48) Ethyl methacrylate	8.330	69	20496	1.910	ug/l		99
49) Toluene	7.967	92	59251	1.961	ug/l		97
50) t-1,3-Dichloropropene	8.208	75	29068	2.086	ug/l		92
51) cis-1,3-Dichloropropene	7.603	75	35057	2.031	ug/l		97
52) 1,1,2-Trichloroethane	8.398	97	18215	2.088	ug/l		96
53) 1,3-Dichloropropane	8.571	76	32825	2.181	ug/l		97
54) 2-Hexanone	8.680	43	45644	6.970	ug/l		94
55) Dibromochloromethane	8.806	129	17772	2.001	ug/l		99
56) 1,2-Dibromoethane	8.918	107	16760	2.085	ug/l		96
58) Tetrachloroethene	8.549	164	22523	1.943	ug/l	#	86
59) Chlorobenzene	9.443	112	66255	1.992	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.529	131	21063	2.083	ug/l		95
61) Pentachloroethane	11.426	117	14743	2.075	ug/l		93
62) Hexachloroethane	12.475	117	14937	1.949	ug/l		83
63) Ethyl Benzene	9.565	91	114903	1.970	ug/l		98
64) m/p-Xylenes	9.690	106	89080	3.994	ug/l		95
65) o-Xylene	10.095	106	43122	1.976	ug/l		96
66) Styrene	10.111	104	66567	1.984	ug/l		97
67) Bromoform	10.285	173	8272	2.043	ug/l	#	97
69) Isopropylbenzene	10.481	105	114965	2.012	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.777	83	21880	2.083	ug/l		93
71) 1,2,3-Trichloropropane	10.819	75	25695	3.240	ug/l		70
72) Bromobenzene	10.777	156	24205	2.022	ug/l		92
73) n-propylbenzene	10.902	120	31246	2.069	ug/l		95
74) 2-Chlorotoluene	10.983	126	25940	1.987	ug/l		94
75) 1,3,5-Trimethylbenzene	11.086	105	95318	1.986	ug/l		100
76) 4-Chlorotoluene	11.095	126	26488	1.954	ug/l		94
77) tert-Butylbenzene	11.417	119	89989	2.023	ug/l		98
78) 1,2,4-Trimethylbenzene	11.465	105	100009	2.046	ug/l		97
79) sec-Butylbenzene	11.639	105	127401	1.988	ug/l		100
80) Nitrobenzene	13.211	77	2307	8.742	ug/l	#	97
81) p-Isopropyltoluene	11.790	119	98997	1.967	ug/l		99
82) 1,3-Dichlorobenzene	11.741	146	50906	1.995	ug/l		98
83) 1,4-Dichlorobenzene	11.835	146	52236	2.023	ug/l		97
84) n-Butylbenzene	12.204	91	99288	1.997	ug/l		98
85) 1,2-Dichlorobenzene	12.208	146	48402	2.002	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	2875	1.802	ug/l		93
87) 1,2,4-Trichlorobenzene	13.838	180	28563	2.025	ug/l		96
88) Hexachlorobutadiene	14.018	225	13239	1.963	ug/l		97
89) Naphthalene	14.082	128	56886	2.005	ug/l		98
90) 1,2,3-Trichlorobenzene	14.327	180	25396	2.090	ug/l		98

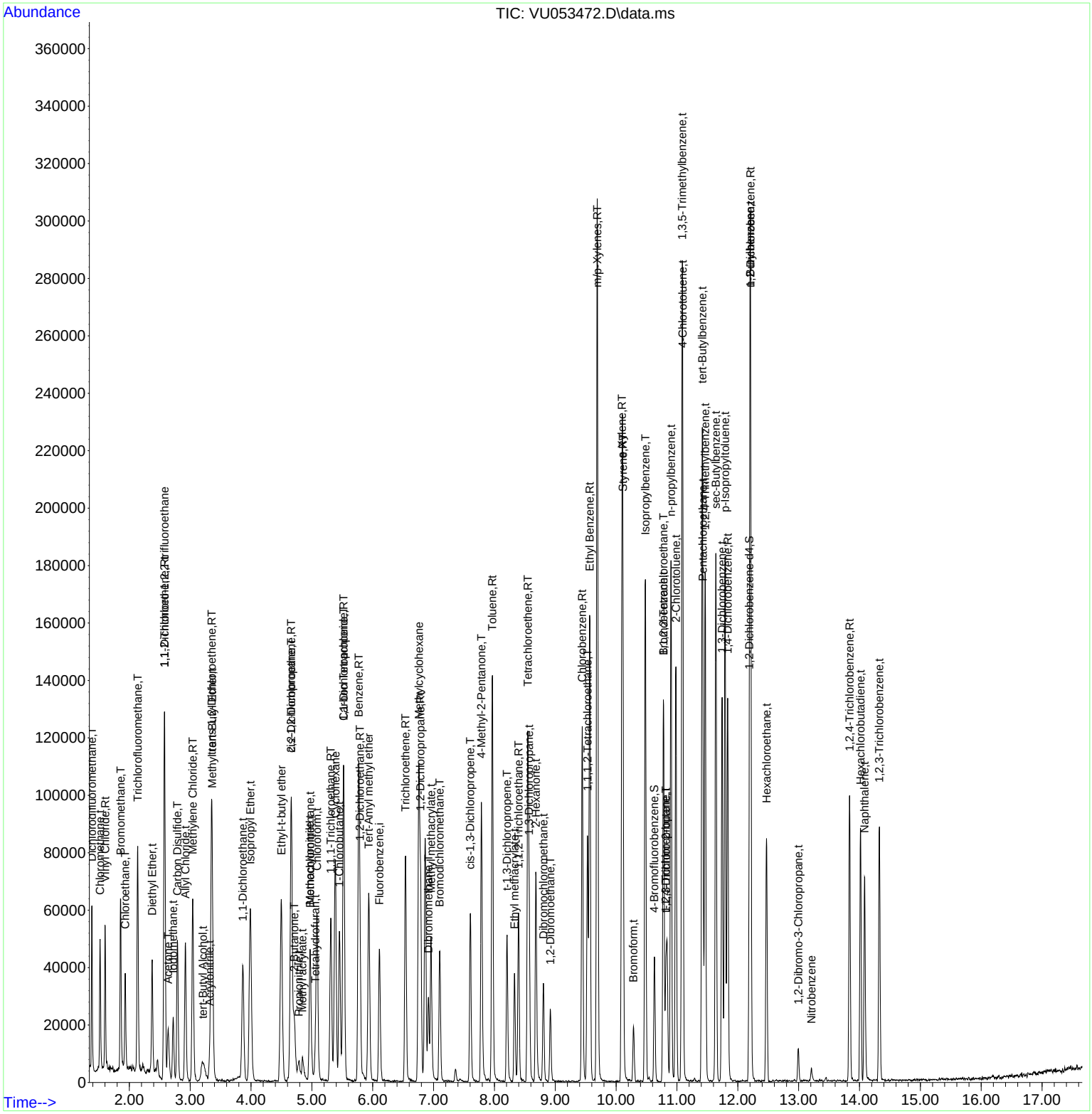
(#) = qualifier out of range (m) = manual integration (+) = signals summed

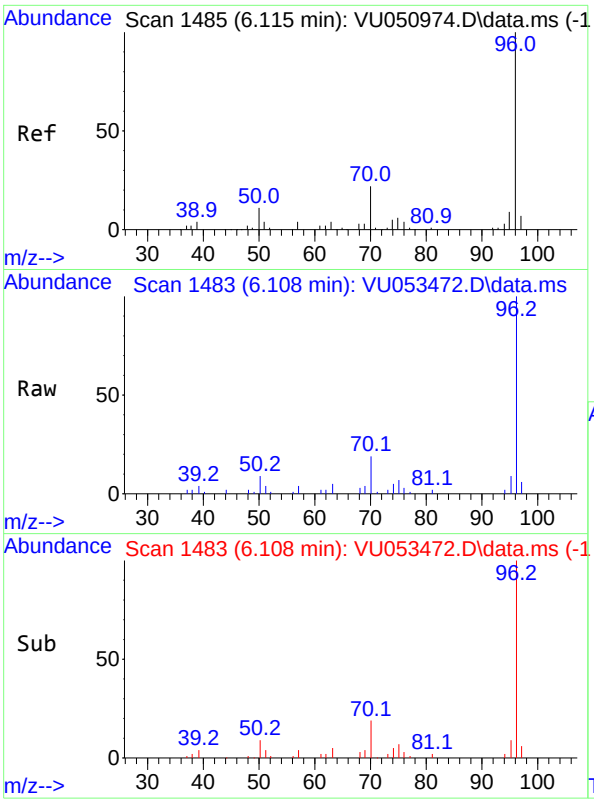
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053472.D
Acq On : 29 Mar 2023 18:31
Operator : JC/MD
Sample : VU0329WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Quant Time: Mar 30 14:09:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 2023
Response via : Initial Calibration



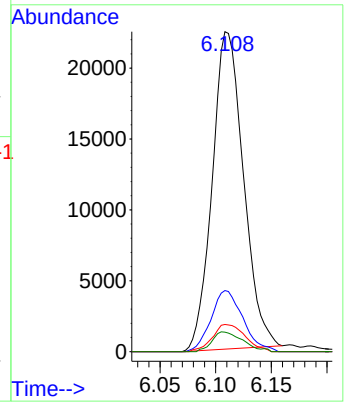


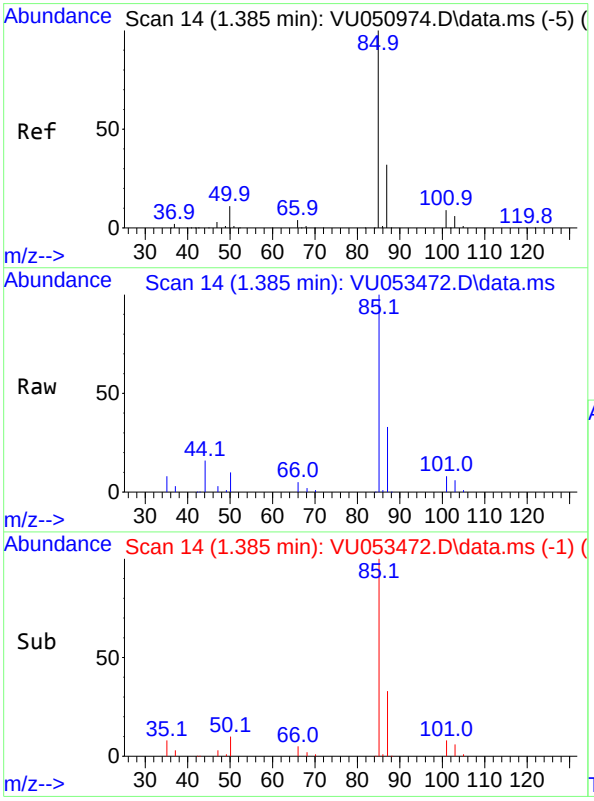
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 96 Resp: 43677

Ion	Ratio	Lower	Upper
96	100		
70	19.7	16.5	24.7
95	9.0	7.4	11.0
97	6.2	0.0	0.0#

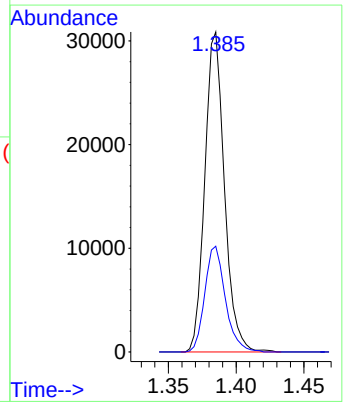


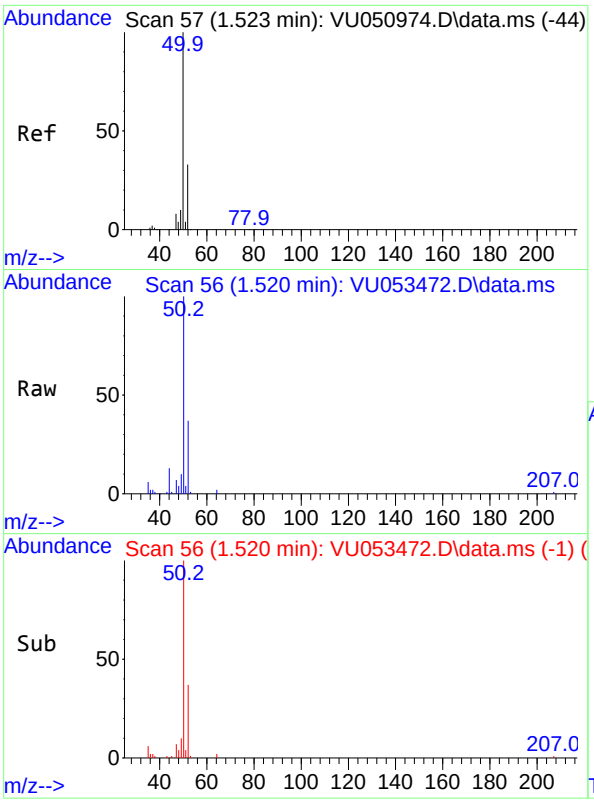


#2
Dichlorodifluoromethane
Concen: 1.967 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 85 Resp: 31062

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.2	48.6



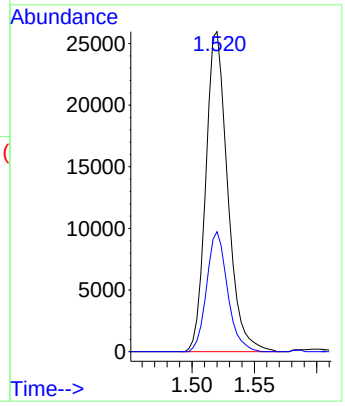


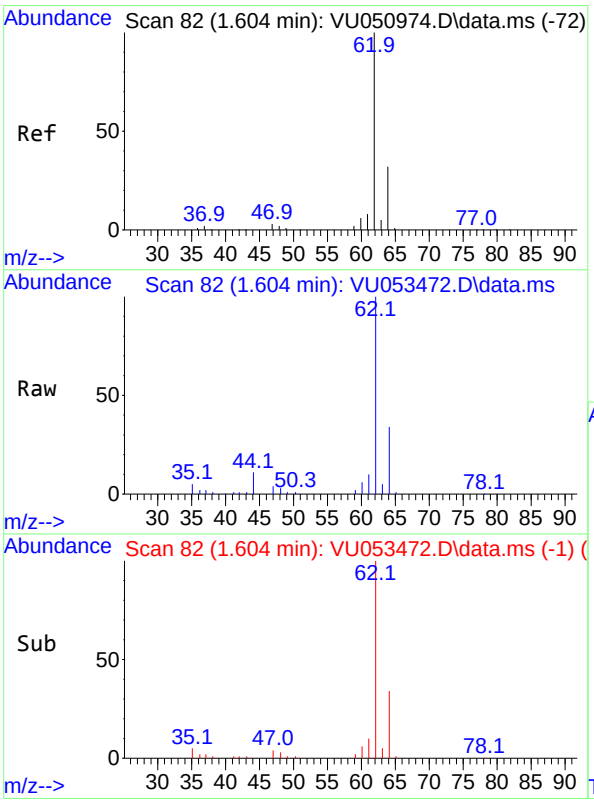
#3
Chloromethane
Concen: 1.966 ug/l
RT: 1.520 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 50 Resp: 31620

Ion	Ratio	Lower	Upper
50	100		
52	37.5	26.6	40.0

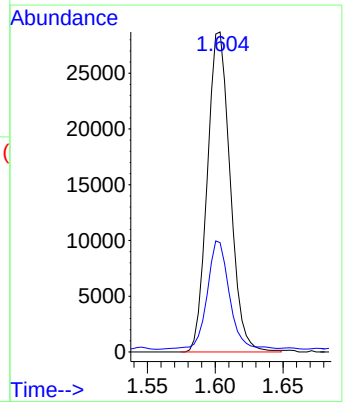


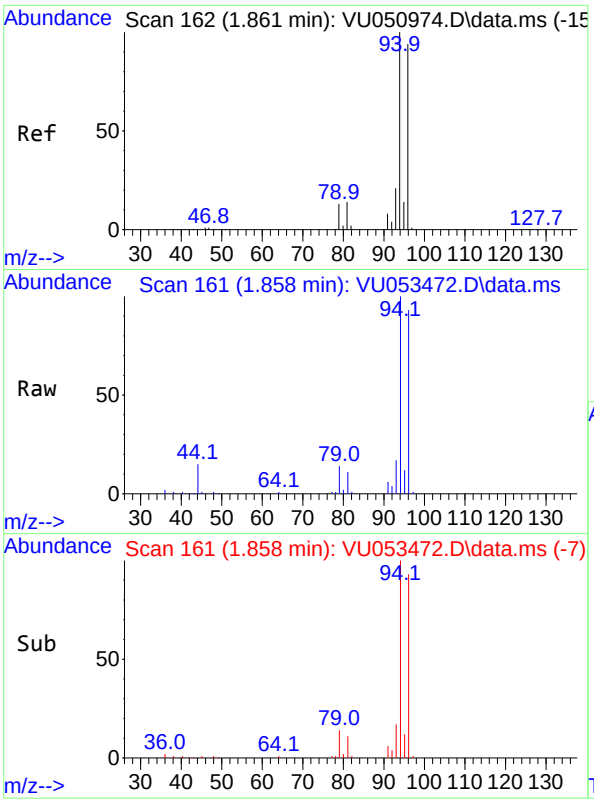


#4
Vinyl Chloride
Concen: 1.979 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 62 Resp: 33630

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.4	38.2



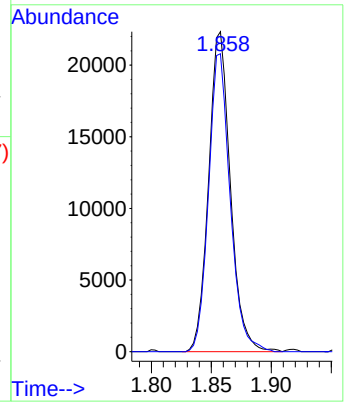


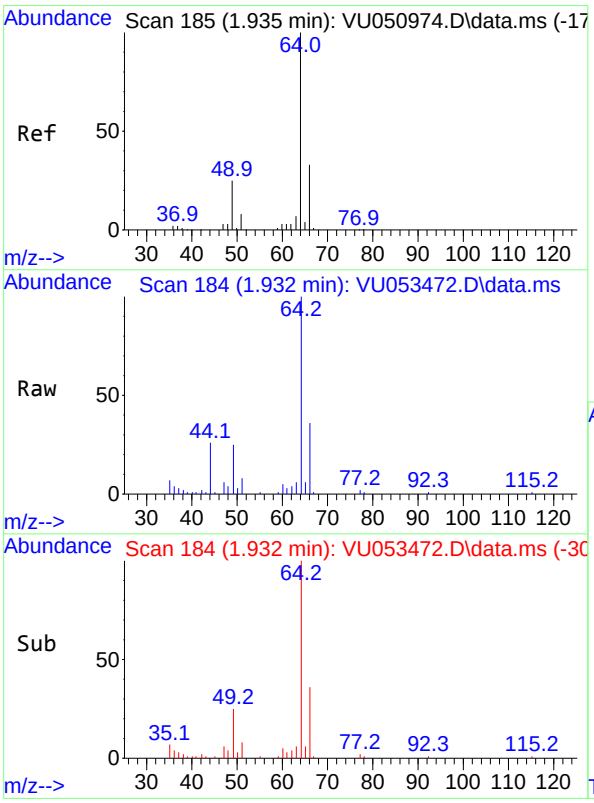
#5
Bromomethane
Concen: 2.007 ug/l
RT: 1.858 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 94 Resp: 28245

Ion	Ratio	Lower	Upper
94	100		
96	93.1	75.4	113.2

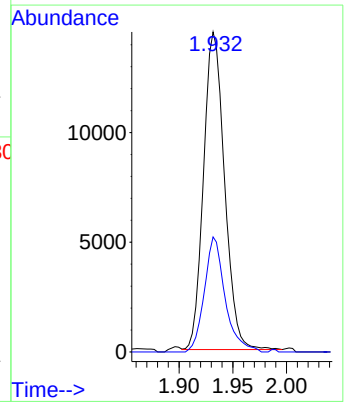


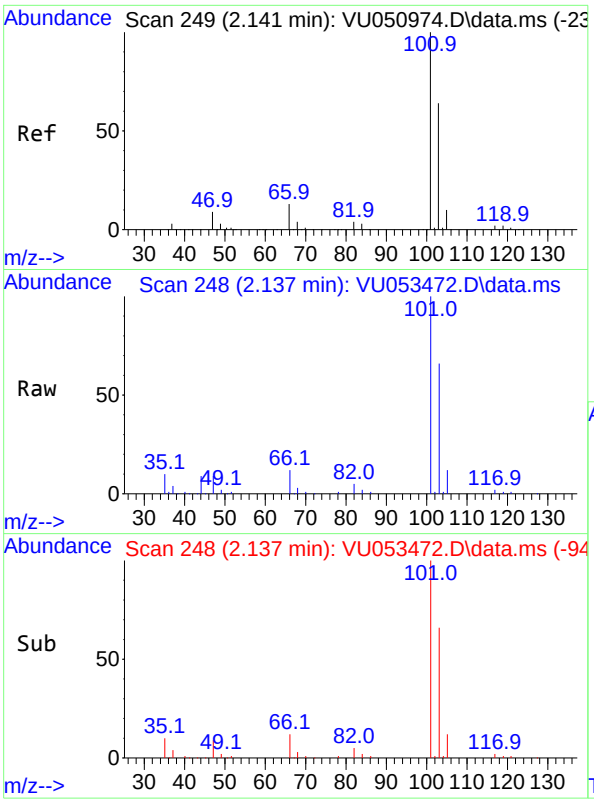


#6
Chloroethane
Concen: 1.814 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 64 Resp: 19705

Ion	Ratio	Lower	Upper
64	100		
66	36.2	26.0	39.0



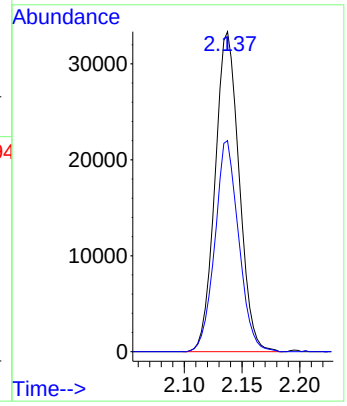


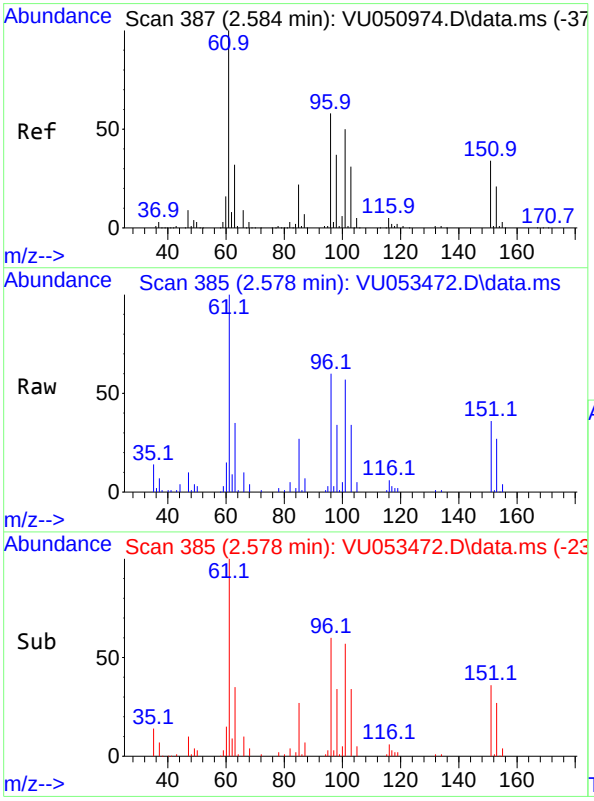
#7
Trichlorofluoromethane
Concen: 1.901 ug/l
RT: 2.137 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:101 Resp: 48384

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.4	77.0

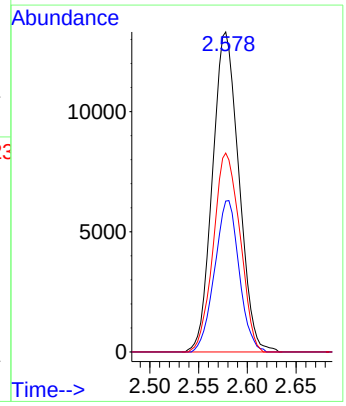


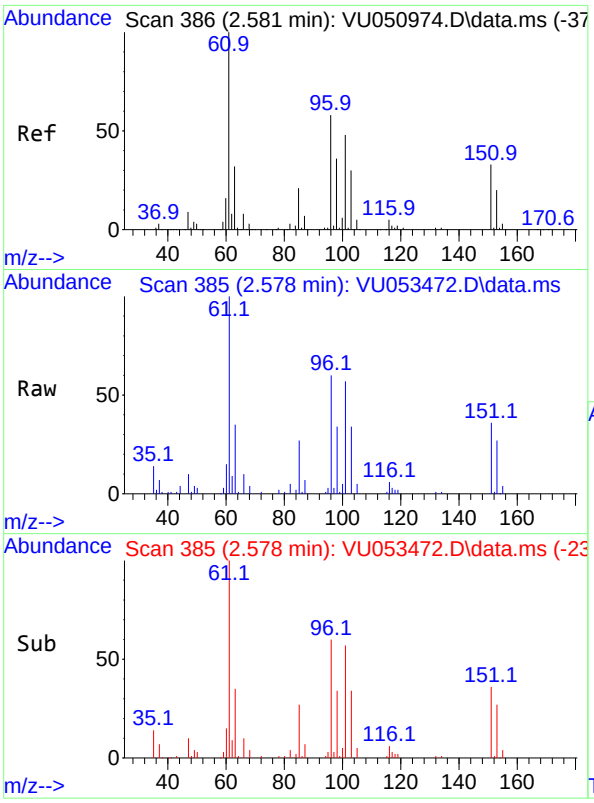


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.984 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:101 Resp: 25026

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.4	53.0
151	62.9	54.0	81.0



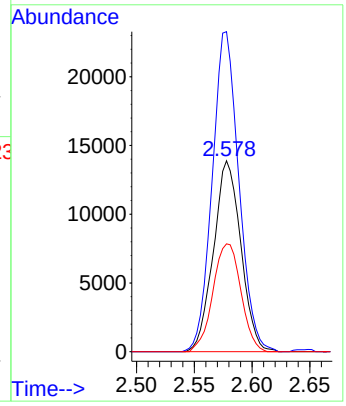


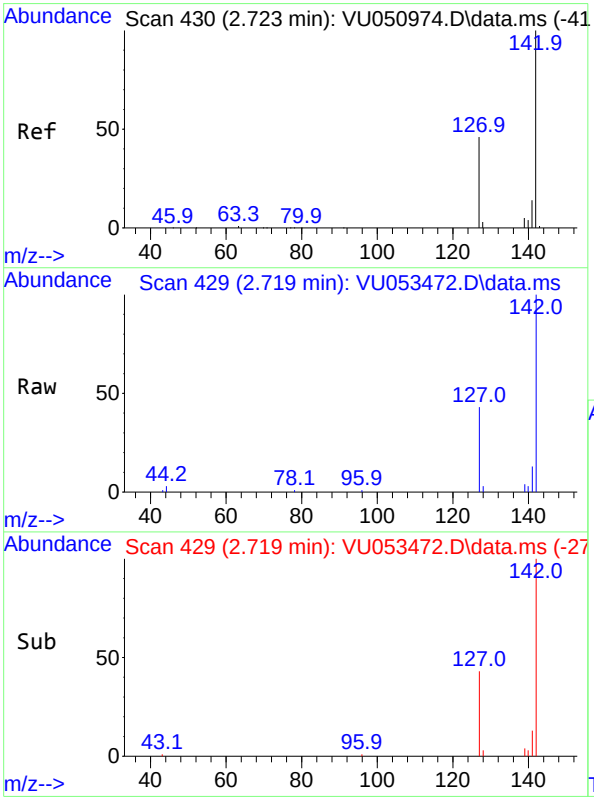
#9
1,1-Dichloroethene
Concen: 1.985 ug/l
RT: 2.578 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 96 Resp: 22903

Ion	Ratio	Lower	Upper
96	100		
61	167.7	0.0	521.4
98	56.5	0.0	125.8

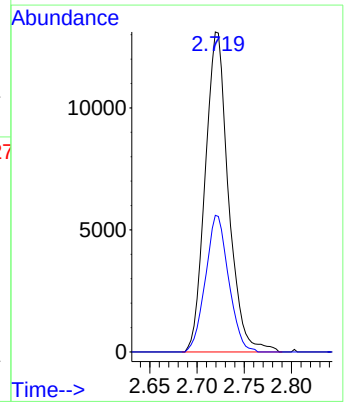


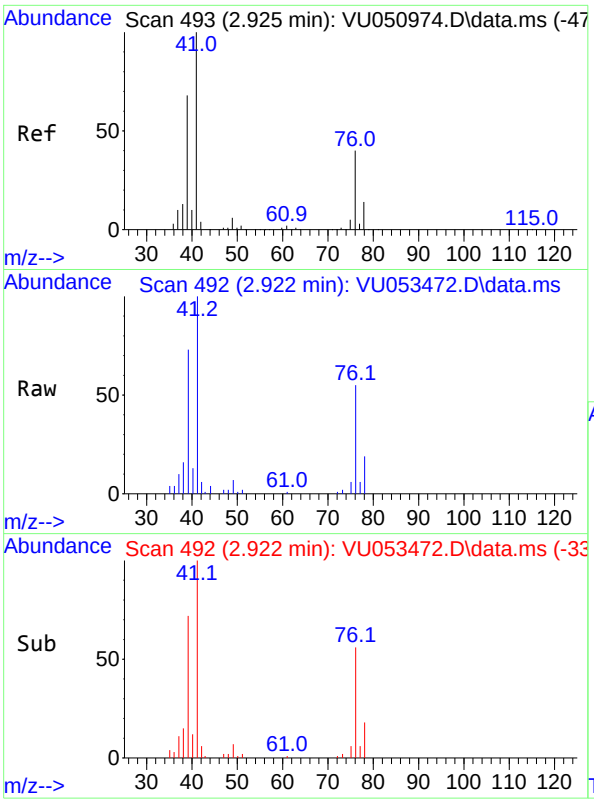


#10
Iodomethane
Concen: 2.109 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:142 Resp: 22406

Ion	Ratio	Lower	Upper
142	100		
127	42.6	35.9	53.9



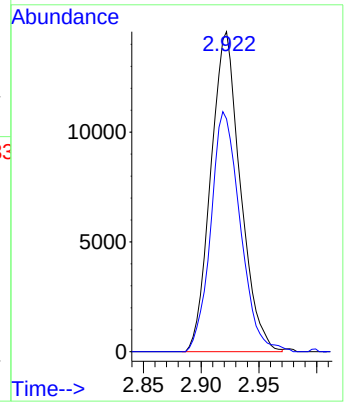


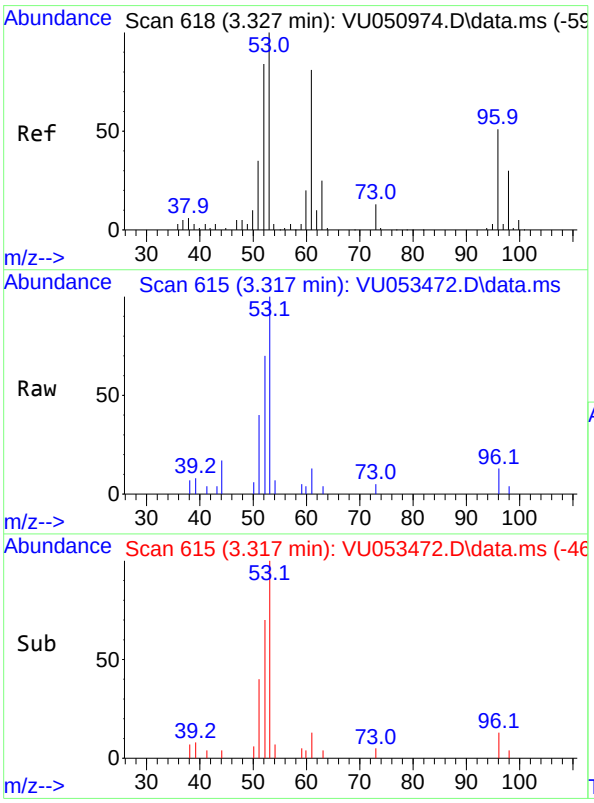
#11
Allyl Chloride
Concen: 1.996 ug/l
RT: 2.922 min Scan# 4
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 41 Resp: 25996

Ion	Ratio	Lower	Upper
41	100		
39	74.6	54.2	81.2

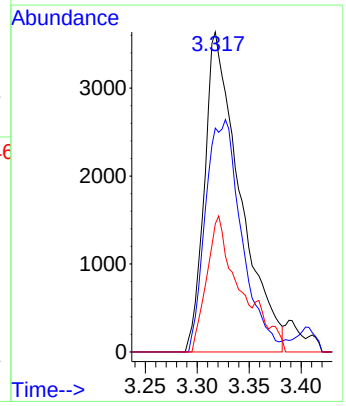


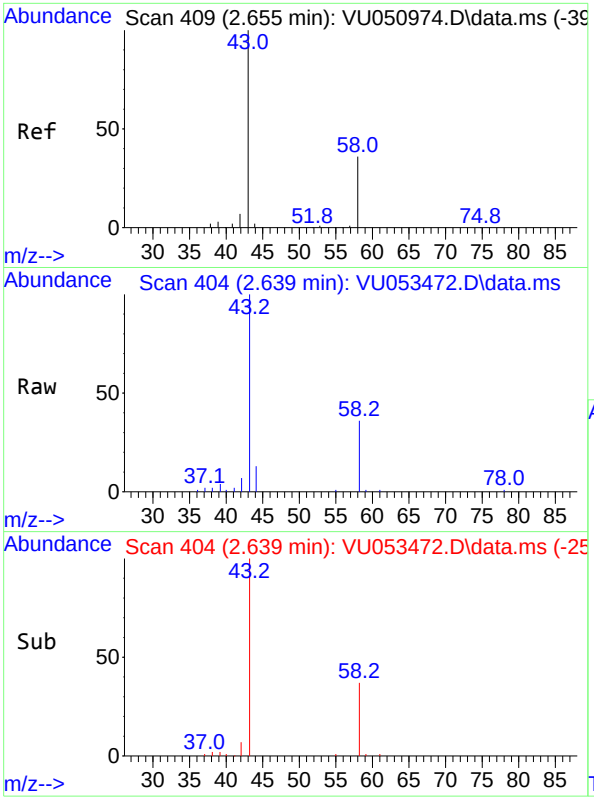


#12
Acrylonitrile
Concen: 3.851 ug/l
RT: 3.317 min Scan# 615
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 53 Resp: 8631

Ion	Ratio	Lower	Upper
53	100		
52	73.8	62.9	94.3
51	34.1	27.8	41.6



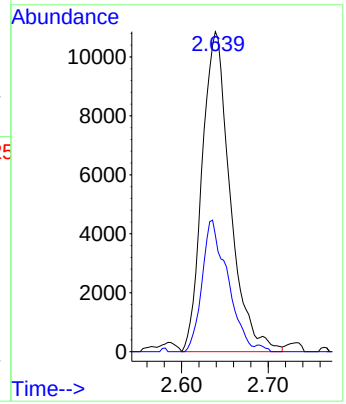


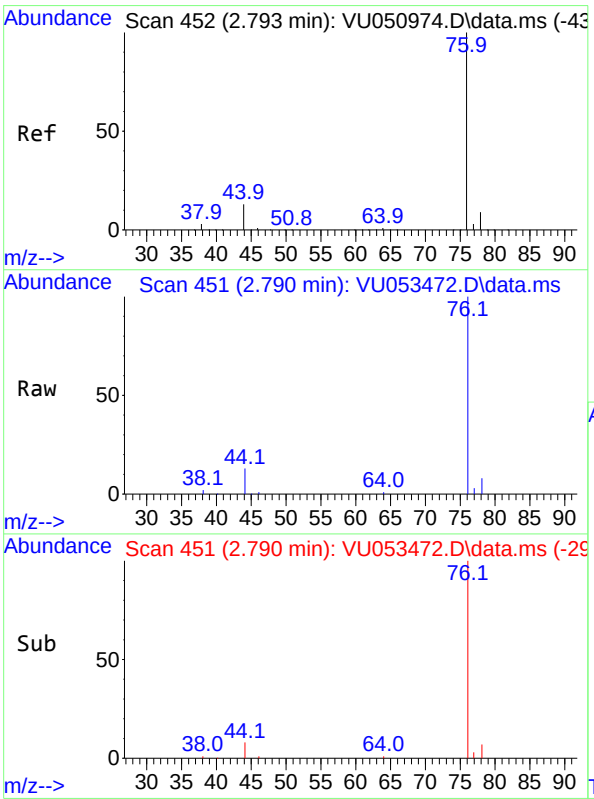
#13
Acetone
Concen: 5.534 ug/l
RT: 2.639 min Scan# 4
Delta R.T. -0.016 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 43 Resp: 24330

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.0	43.4

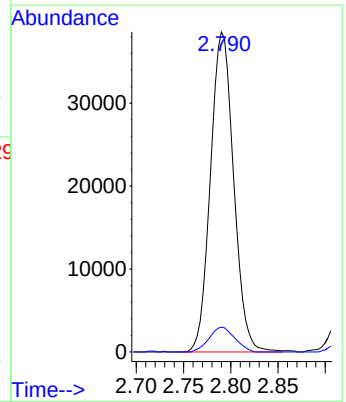


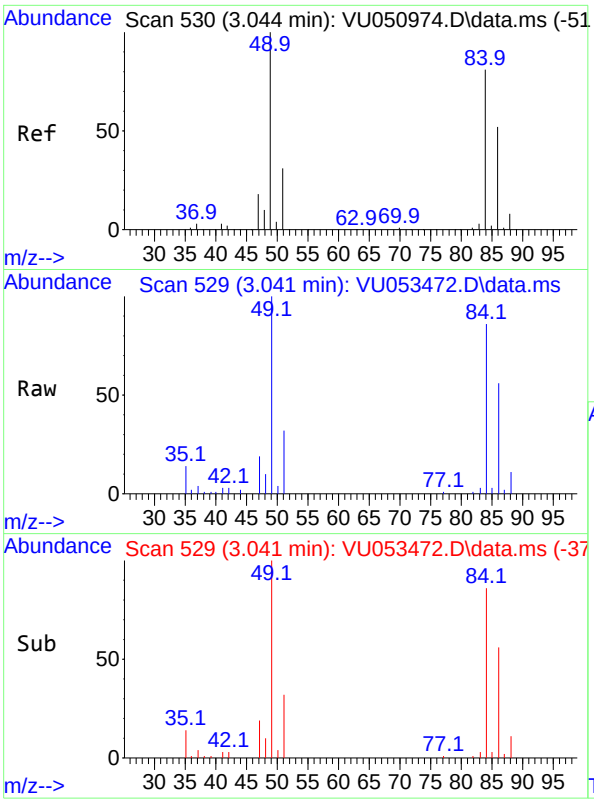


#14
Carbon Disulfide
Concen: 1.862 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 76 Resp: 65873

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.4	11.0



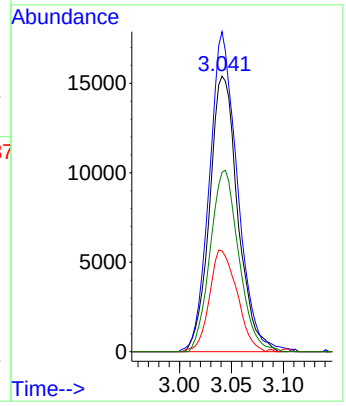


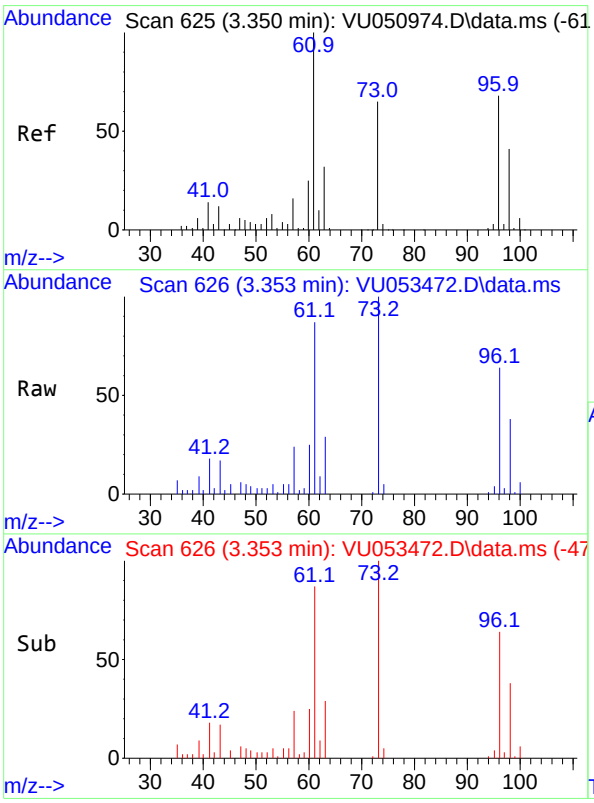
#15
Methylene Chloride
Concen: 0.506 ug/l
RT: 3.041 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 84 Resp: 29012

Ion	Ratio	Lower	Upper
84	100		
49	115.4	98.9	148.3
51	36.6	0.0	75.4
86	65.1	51.3	76.9

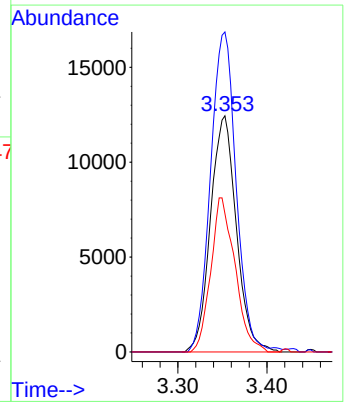


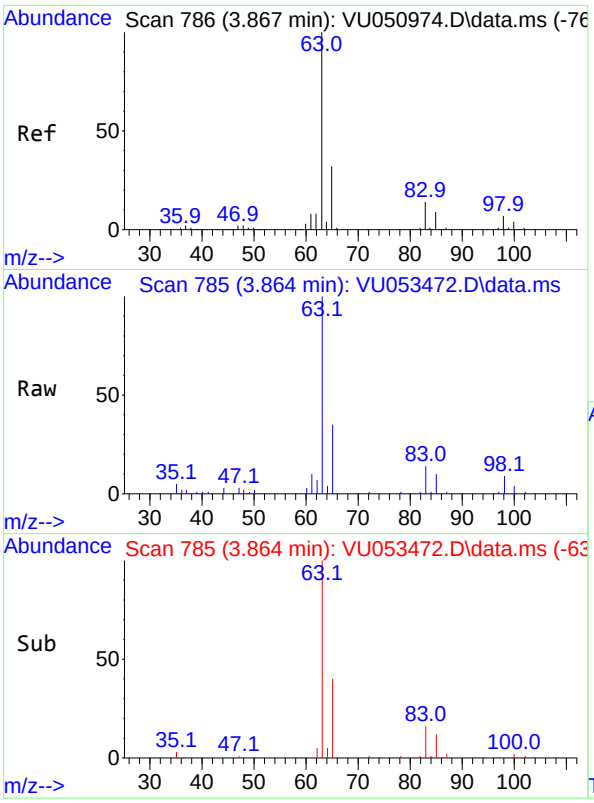


#16
trans-1,2-Dichloroethene
Concen: 2.107 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 96 Resp: 25117

Ion	Ratio	Lower	Upper
96	100		
61	135.5	117.5	176.3
98	58.6	48.3	72.5



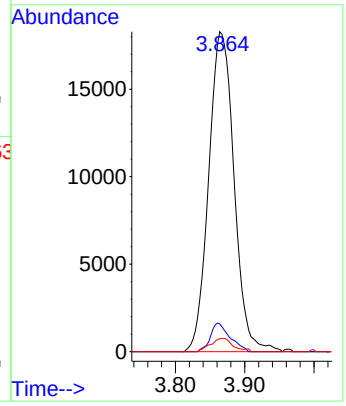


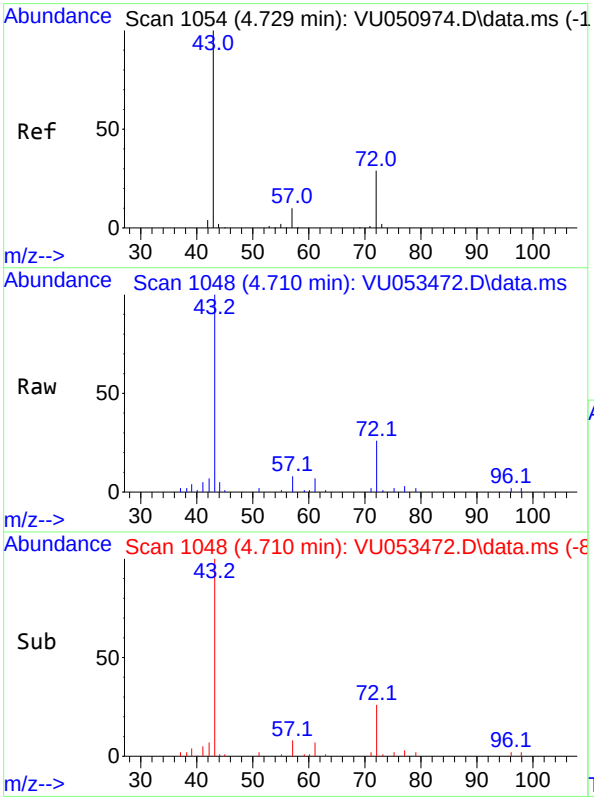
#17
1,1-Dichloroethane
Concen: 2.137 ug/l
RT: 3.864 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 63 Resp: 46495

Ion	Ratio	Lower	Upper
63	100		
98	8.7	3.4	10.1
100	4.0	2.2	6.6

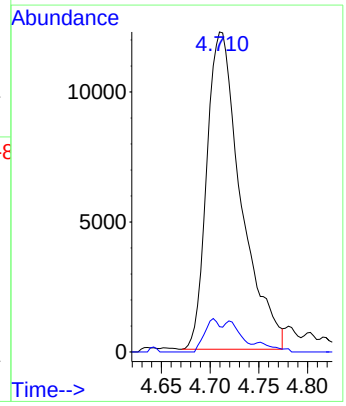


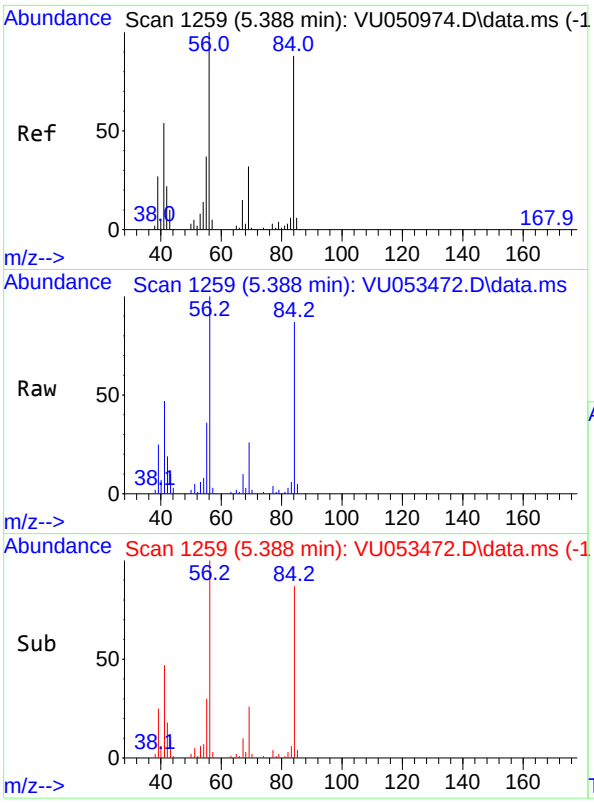


#18
2-Butanone
Concen: 6.665 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.019 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 43 Resp: 29823

Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	19.6



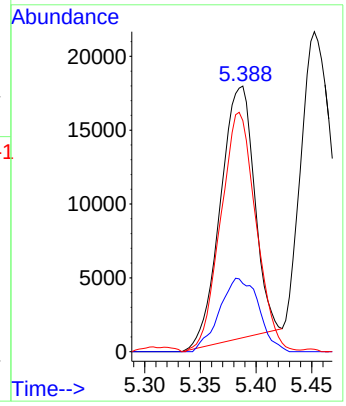


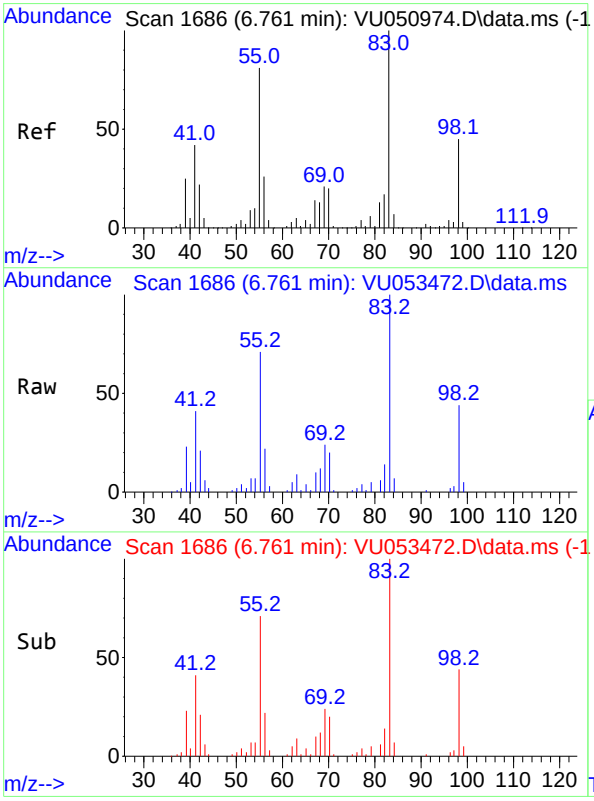
#19
Cyclohexane
Concen: 2.028 ug/l
RT: 5.388 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 56 Resp: 36341

Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.6	37.0
84	97.7	68.4	102.6

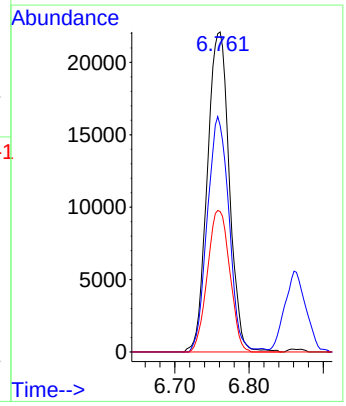


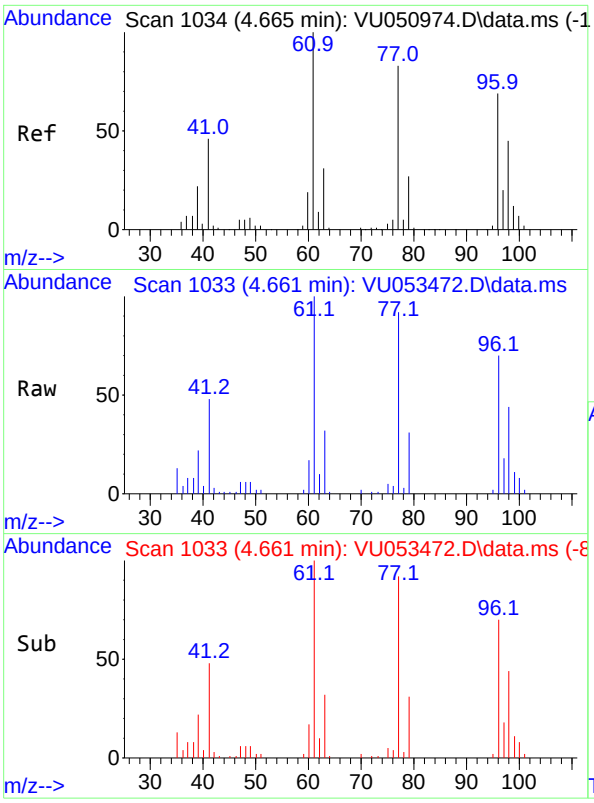


#20
Methylcyclohexane
Concen: 2.027 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 83 Resp: 45364

Ion	Ratio	Lower	Upper
83	100		
55	71.3	63.5	95.3
98	45.0	36.0	54.0



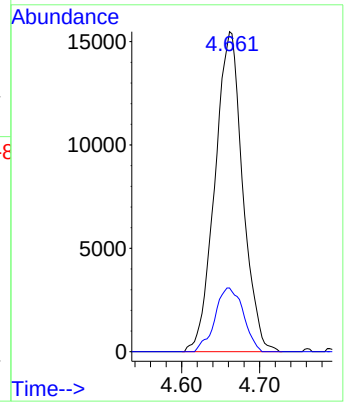


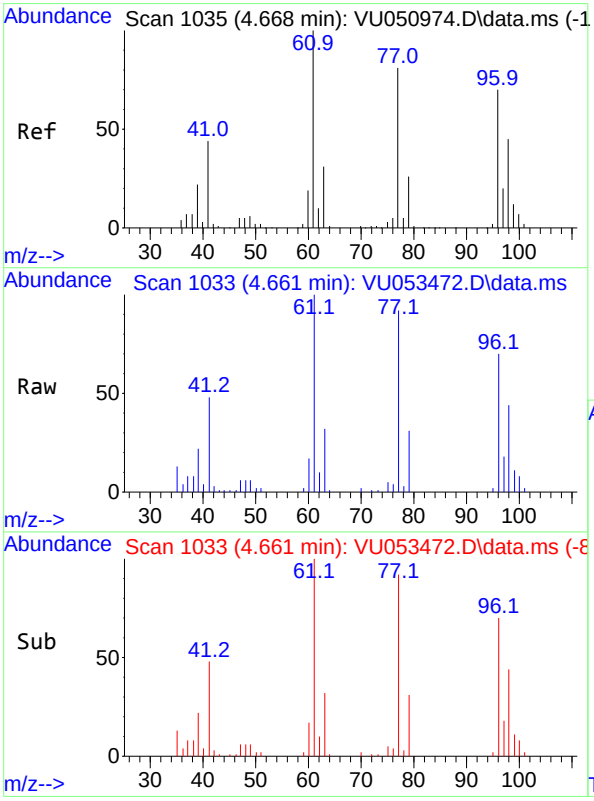
#21
2,2-Dichloropropane
Concen: 2.060 ug/l
RT: 4.661 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 77 Resp: 38367

Ion	Ratio	Lower	Upper
77	100		
97	20.3	18.4	27.6

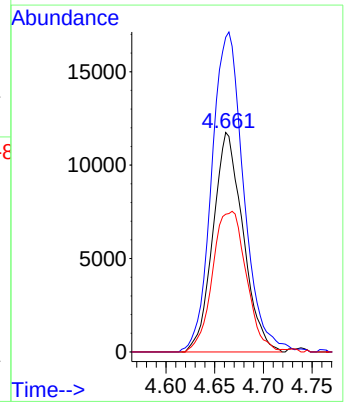


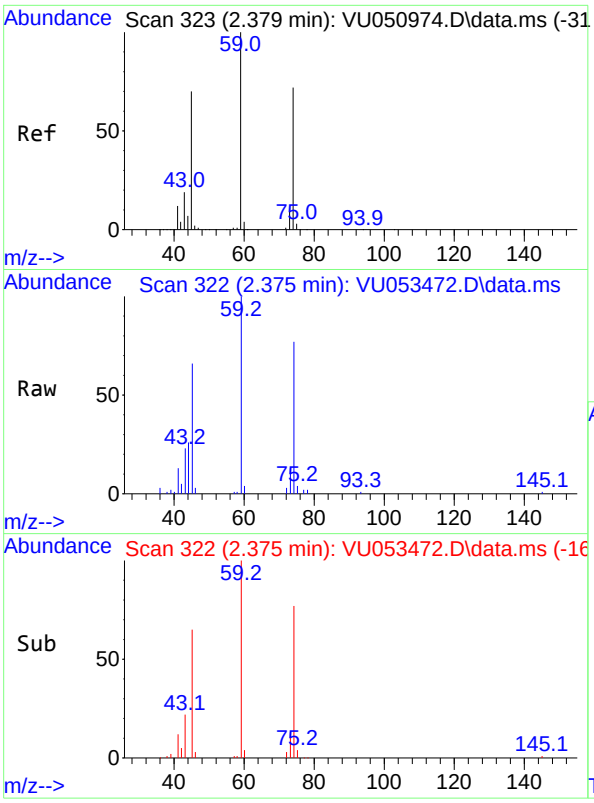


#22
cis-1,2-Dichloroethene
Concen: 1.946 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 96 Resp: 25208

Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	365.8
98	71.9	32.0	96.0



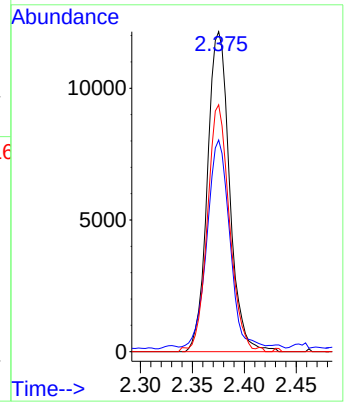


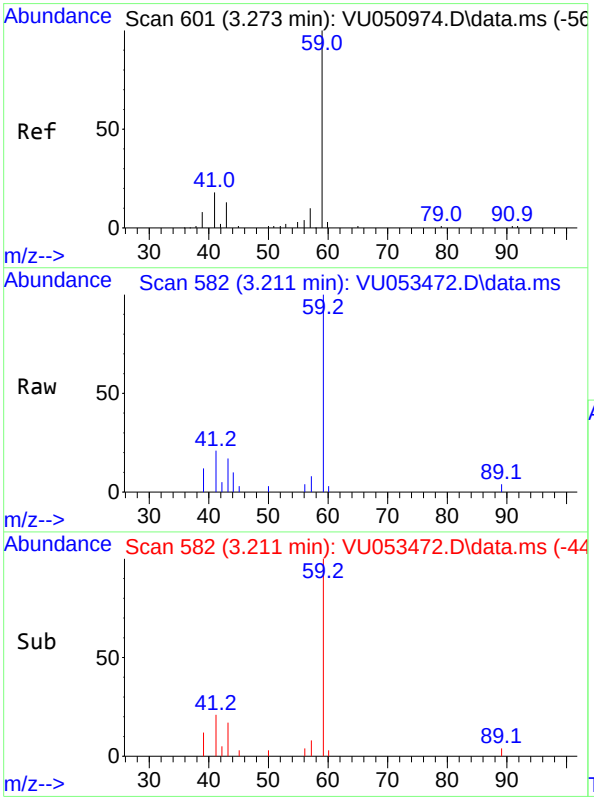
#23
Diethyl Ether
Concen: 1.970 ug/l
RT: 2.375 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 59 Resp: 18041

Ion	Ratio	Lower	Upper
59	100		
45	65.3	56.1	84.1
74	76.8	57.4	86.2

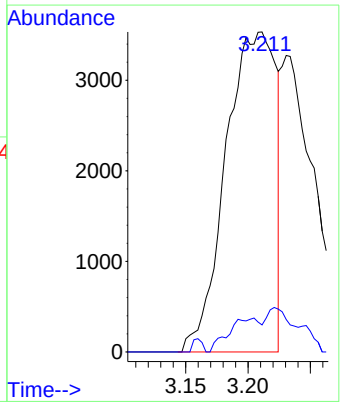


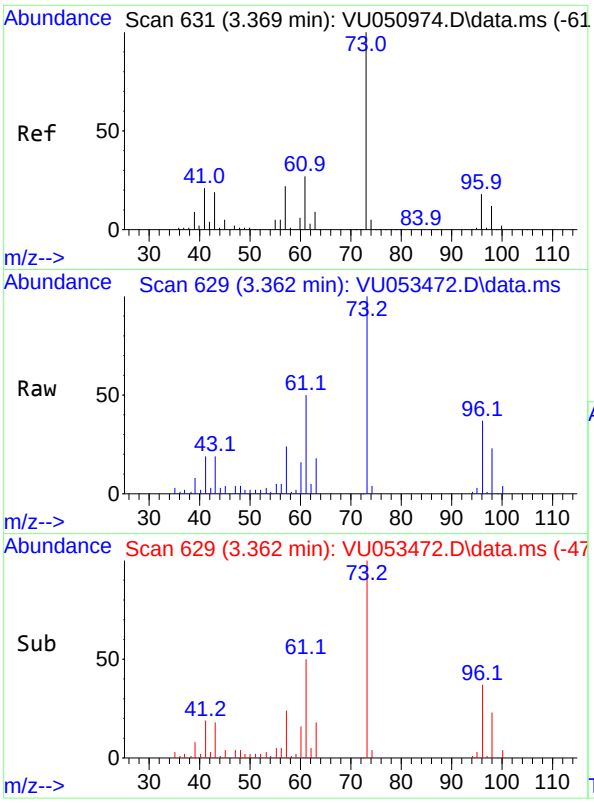


#24
tert-Butyl Alcohol
Concen: 11.787 ug/l
RT: 3.211 min Scan# 582
Delta R.T. -0.062 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 59 Resp: 9813

Ion	Ratio	Lower	Upper
59	100		
57	6.9	105.6	158.4#



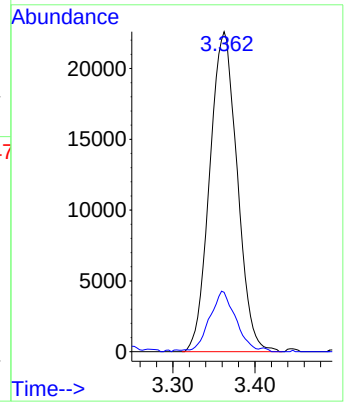


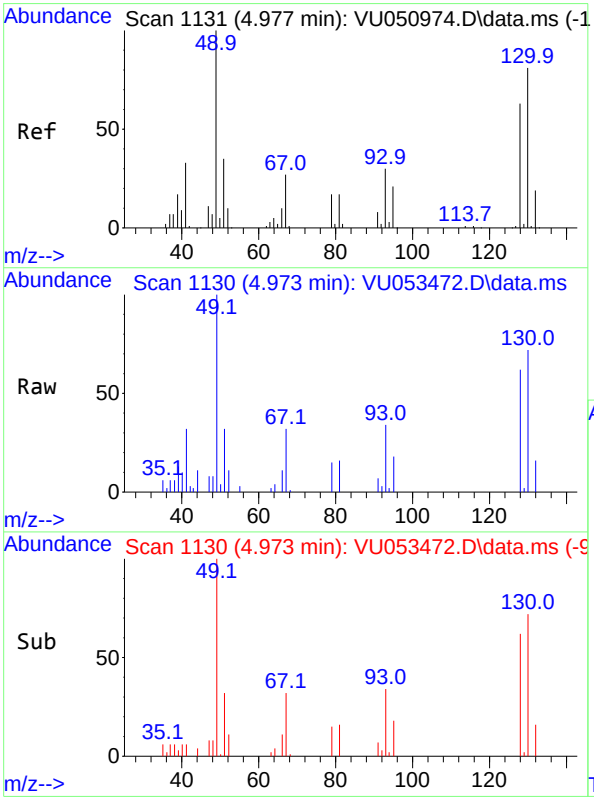
#25
Methyl tert-Butyl Ether
Concen: 2.053 ug/l
RT: 3.362 min Scan# 6
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 73 Resp: 52517

Ion	Ratio	Lower	Upper
73	100		
43	17.3	15.0	22.6

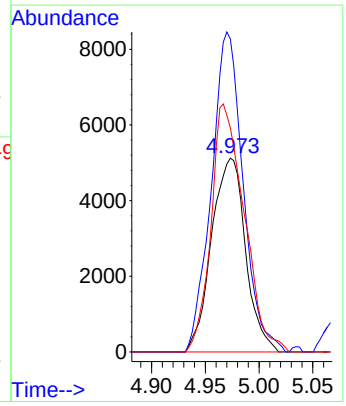


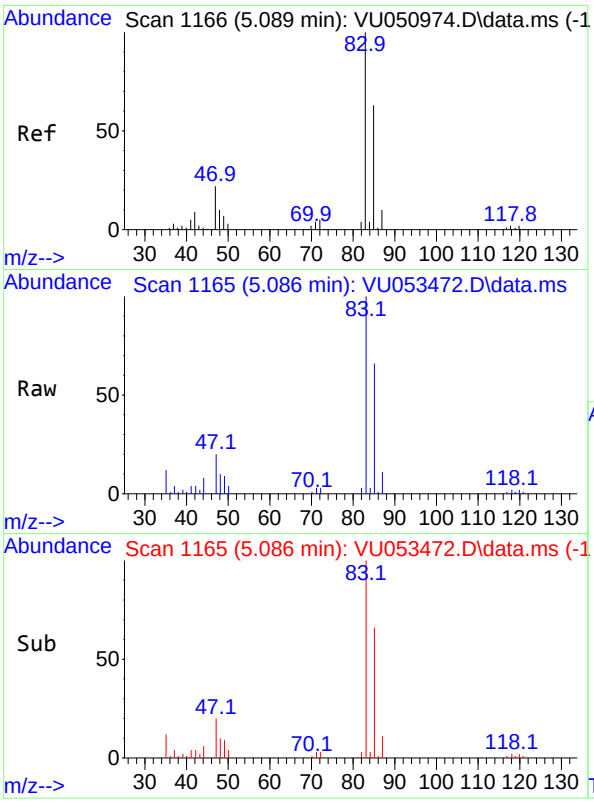


#26
Bromochloromethane
Concen: 2.155 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:128 Resp: 11250

Ion	Ratio	Lower	Upper
128	100		
49	154.0	0.0	324.6
130	124.9	103.0	154.4



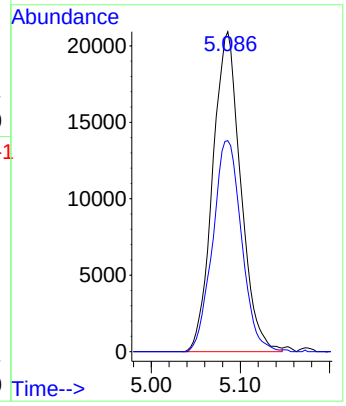


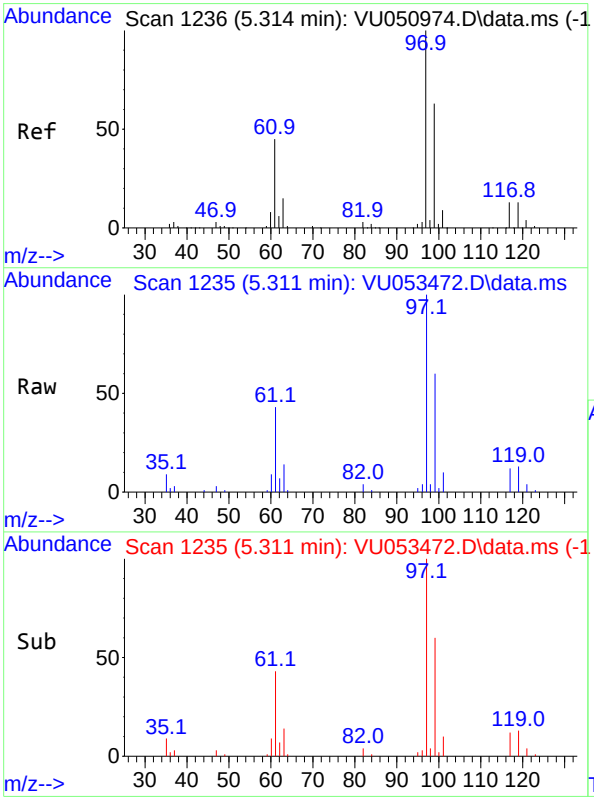
#27
Chloroform
Concen: 2.024 ug/l
RT: 5.086 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 83 Resp: 45710

Ion	Ratio	Lower	Upper
83	100		
85	65.9	0.0	126.4

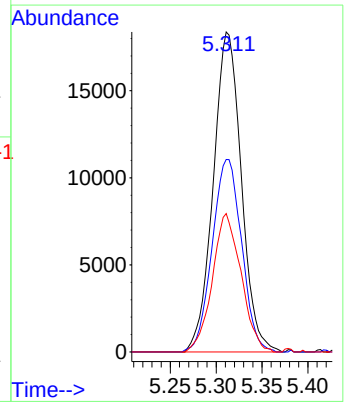


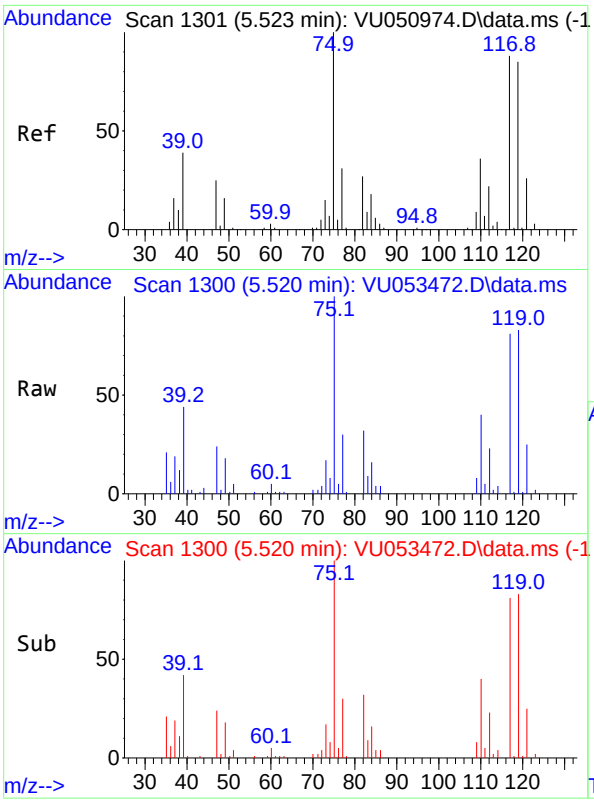


#28
1,1,1-Trichloroethane
Concen: 2.010 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 97 Resp: 39141

Ion	Ratio	Lower	Upper
97	100		
99	63.1	32.0	96.2
61	44.2	22.9	68.5



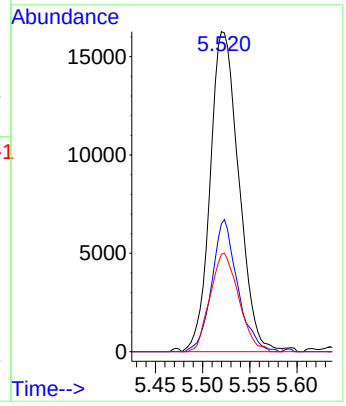


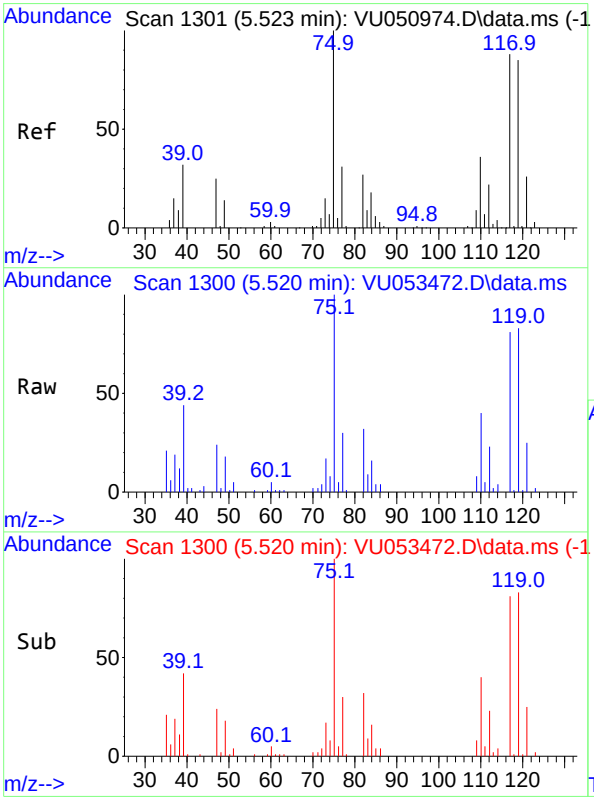
#29
1,1-Dichloropropene
Concen: 2.030 ug/l
RT: 5.520 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 75 Resp: 34202

Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.0	54.0
77	30.8	24.7	37.1

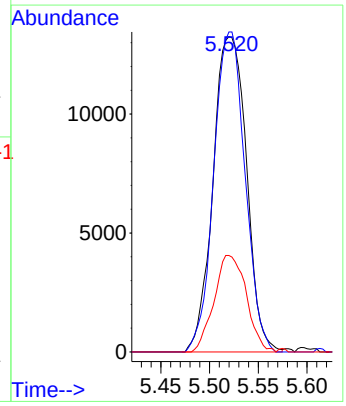


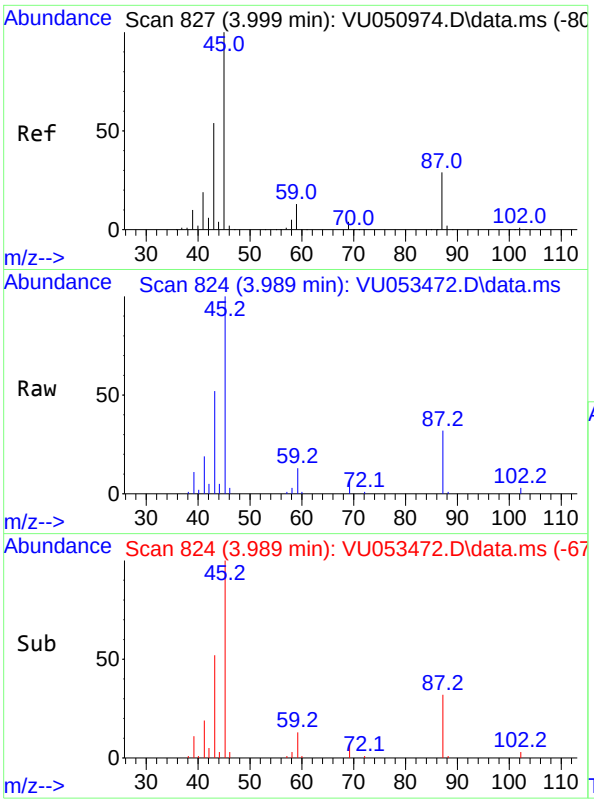


#30
Carbon Tetrachloride
Concen: 2.037 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:117 Resp: 31579

Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.4	116.0
121	30.6	24.0	36.0



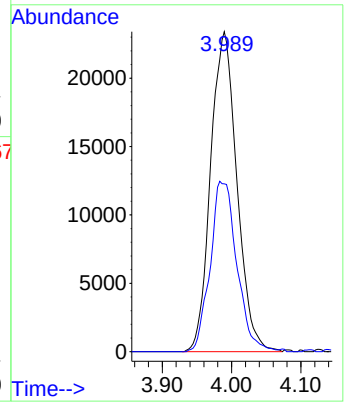


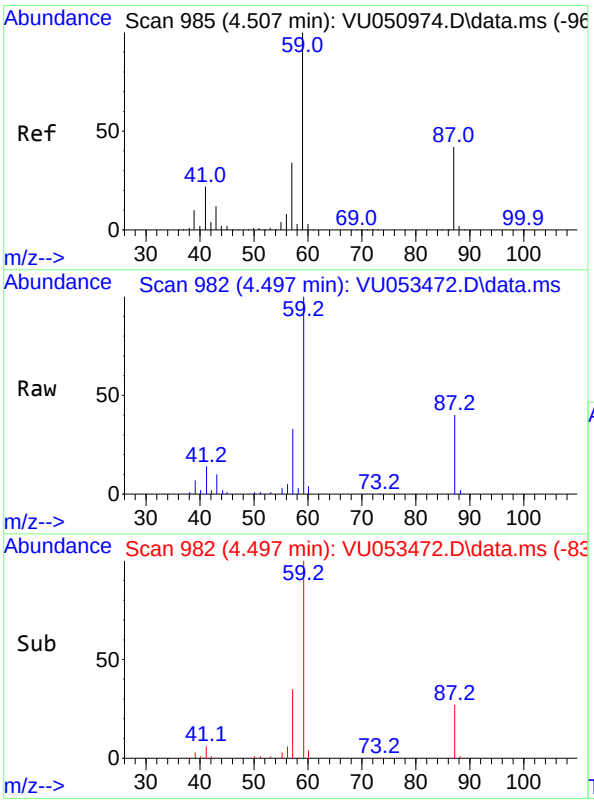
#31
Isopropyl Ether
Concen: 2.062 ug/l
RT: 3.989 min Scan# 8
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 45 Resp: 61733

Ion	Ratio	Lower	Upper
45	100		
43	53.9	27.5	82.5

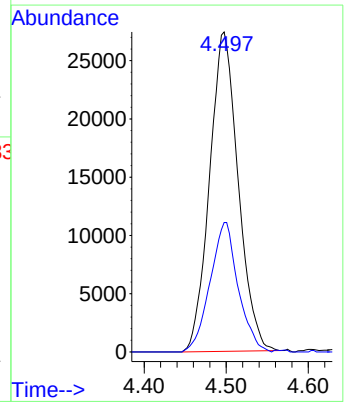


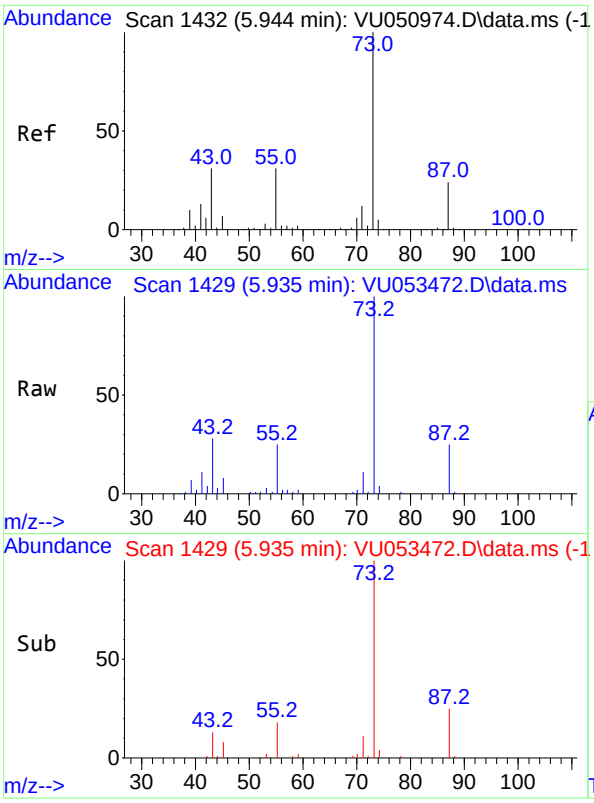


#32
Ethyl-t-butyl ether
Concen: 2.163 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 59 Resp: 66517

Ion	Ratio	Lower	Upper
59	100		
87	39.8	33.5	50.3



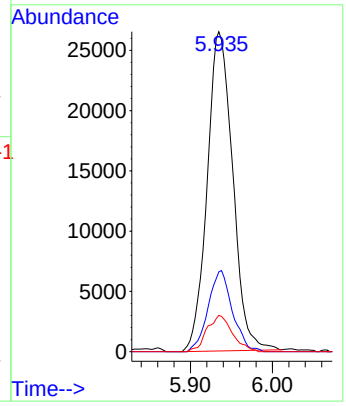


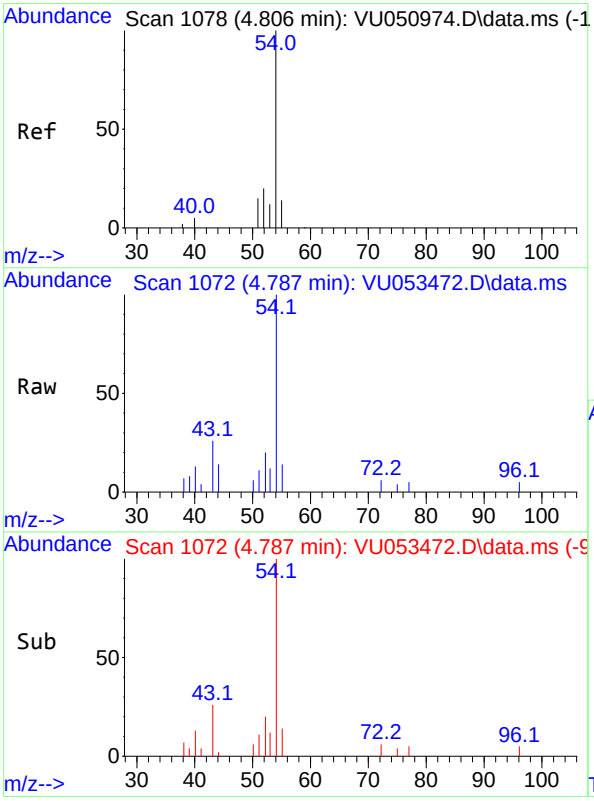
#33
Tert-Amyl methyl ether
Concen: 2.098 ug/l
RT: 5.935 min Scan# 14
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 73 Resp: 57353

Ion	Ratio	Lower	Upper
73	100		
87	24.1	18.6	28.0
71	11.3	9.9	14.9

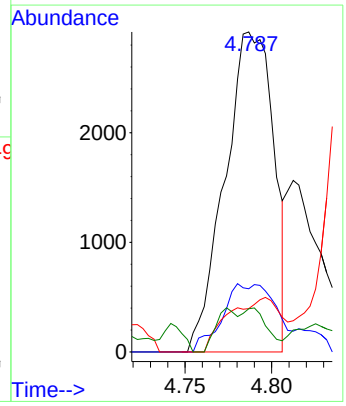


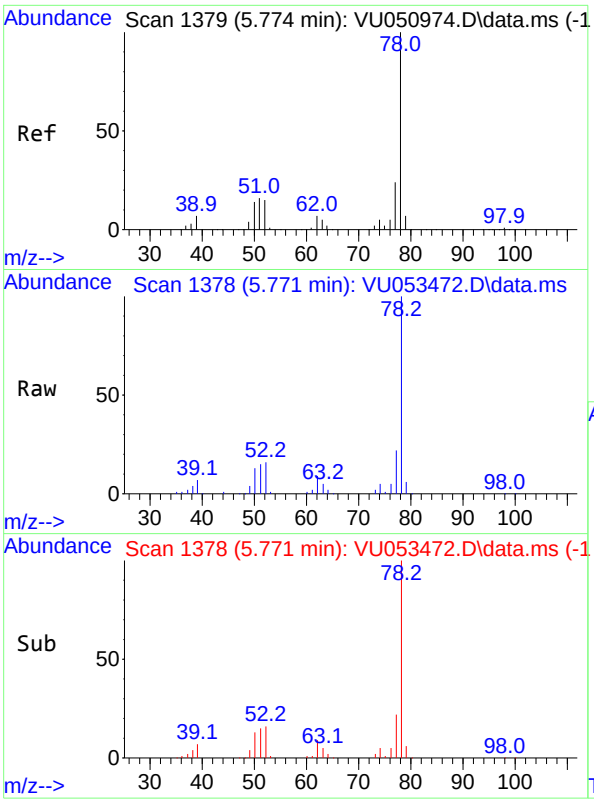


#34
Propionitrile
Concen: 7.359 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. -0.019 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 54 Resp: 5713

Ion	Ratio	Lower	Upper
54	100		
52	12.2	17.4	26.0#
55	18.2	104.1	156.1#
40	6.0	2.4	3.6#



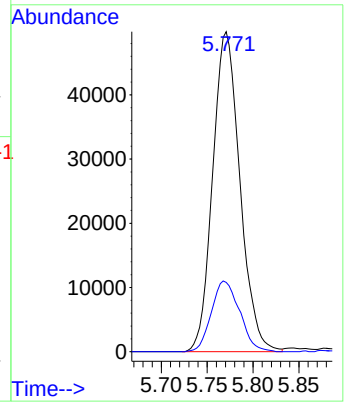


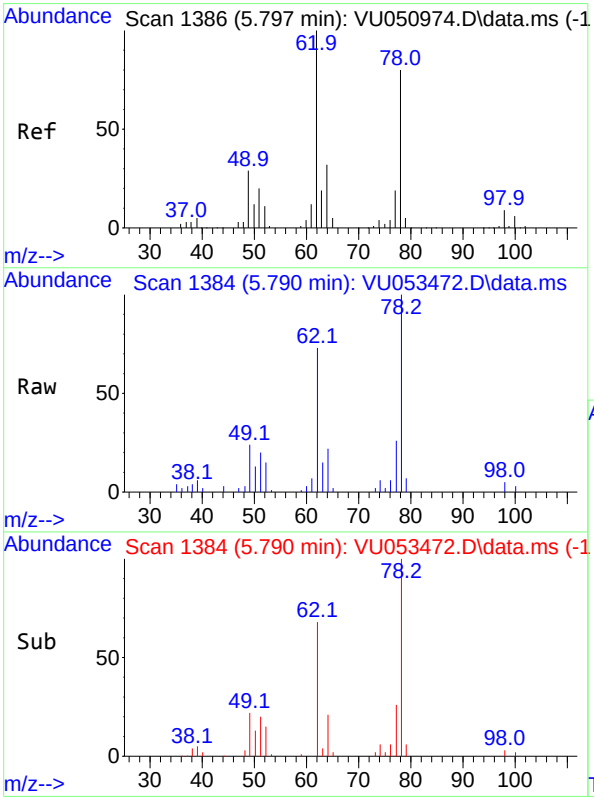
#35
Benzene
Concen: 2.086 ug/l
RT: 5.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 78 Resp: 102845

Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.9	28.3

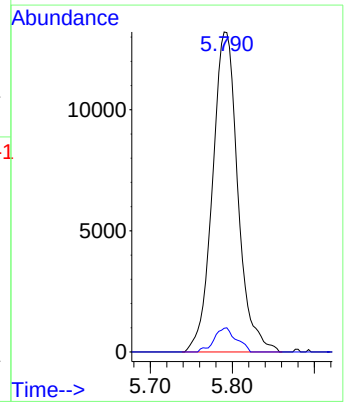


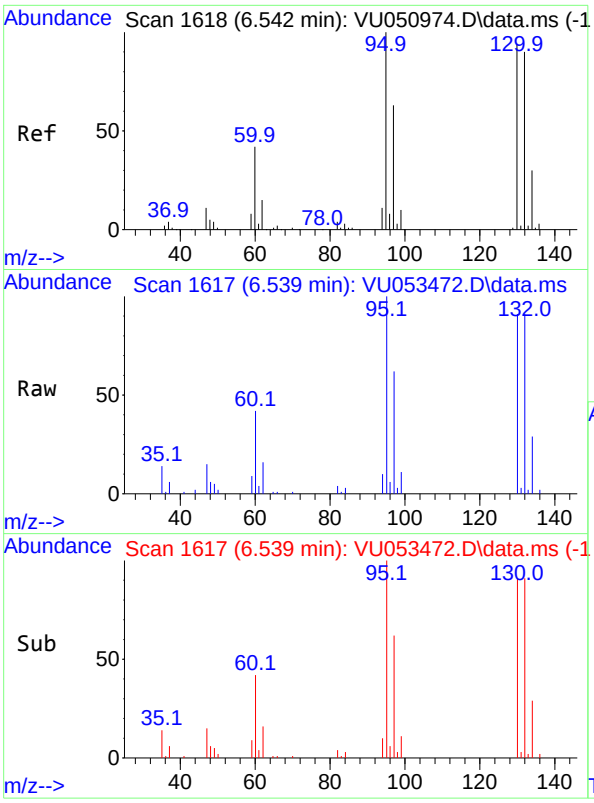


#36
1,2-Dichloroethane
Concen: 2.007 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 62 Resp: 28420

Ion	Ratio	Lower	Upper
62	100		
98	6.6	7.3	10.9#



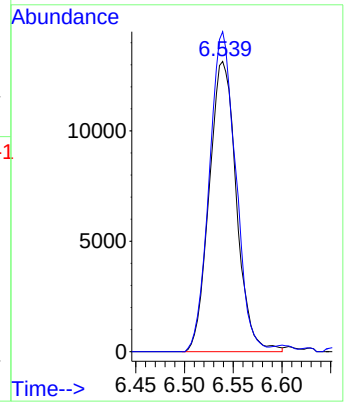


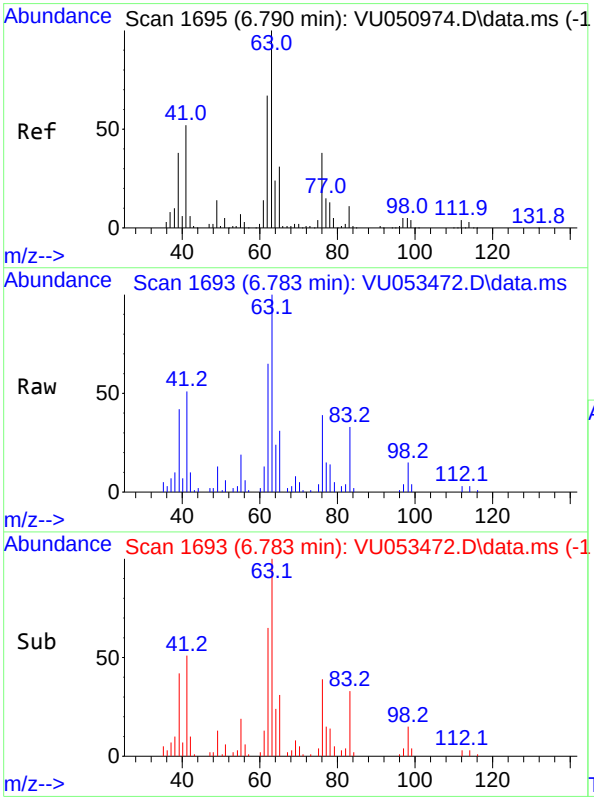
#37
Trichloroethene
Concen: 2.060 ug/l
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:130 Resp: 25534

Ion	Ratio	Lower	Upper
130	100		
95	110.2	85.0	127.6

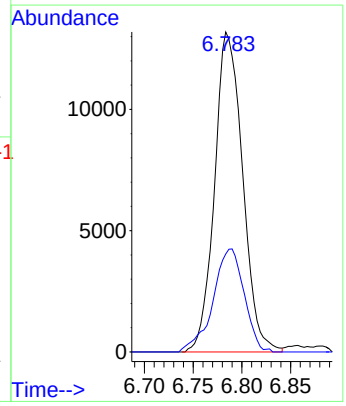


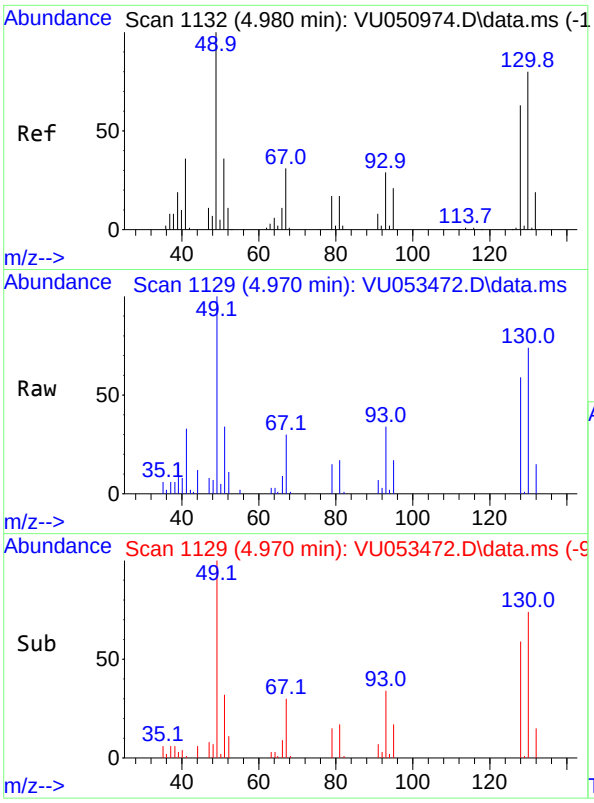


#38
1,2-Dichloropropane
Concen: 2.091 ug/l
RT: 6.783 min Scan# 1693
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 63 Resp: 26411

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.9	37.3



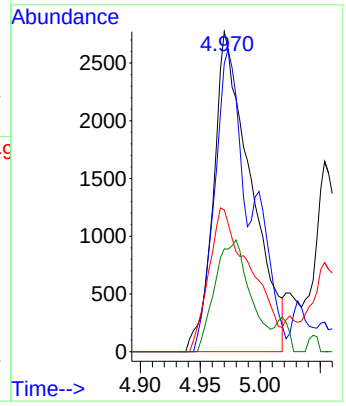


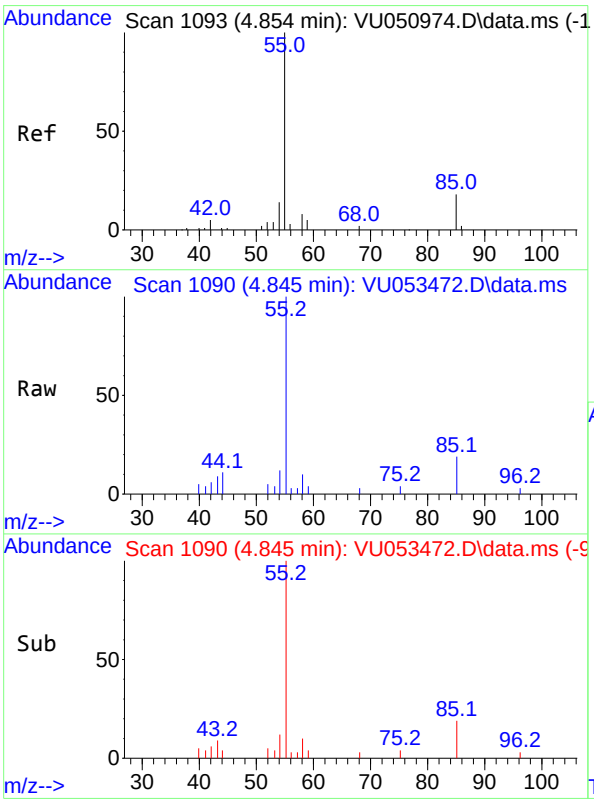
#39
Methacrylonitrile
Concen: 1.935 ug/l
RT: 4.970 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 41 Resp: 5958

Ion	Ratio	Lower	Upper
41	100		
67	67.1	66.8	100.2
39	51.5	41.2	61.8
52	33.2	25.1	37.7

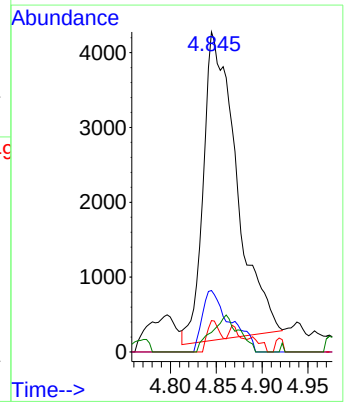


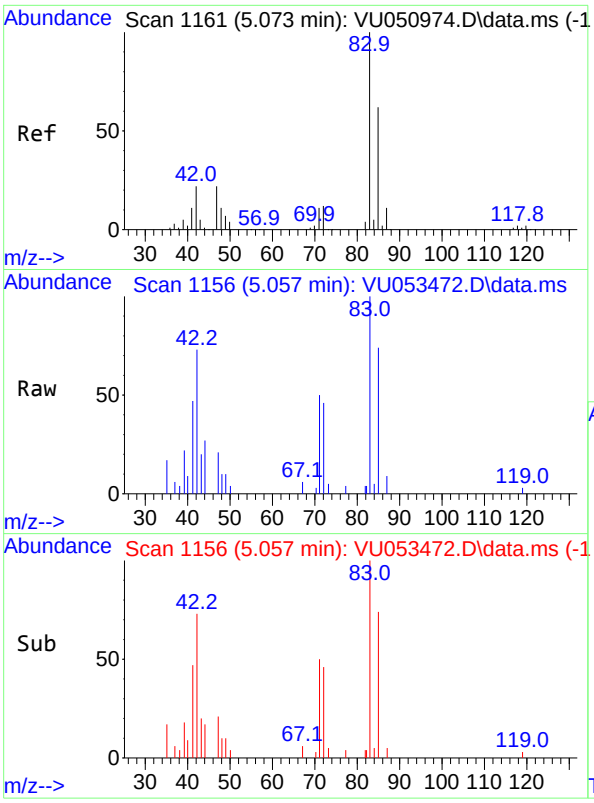


#40
Methyl acrylate
Concen: 1.853 ug/l
RT: 4.845 min Scan# 1090
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 55 Resp: 10345

Ion	Ratio	Lower	Upper
55	100		
85	16.8	13.3	19.9
58	4.2	6.5	9.7#
42	0.0	5.9	8.9#



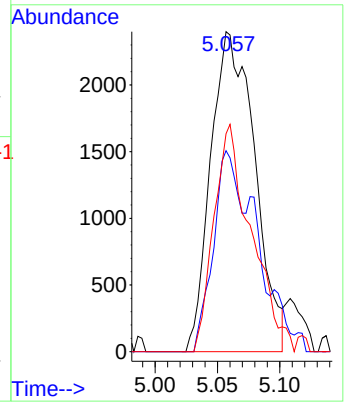


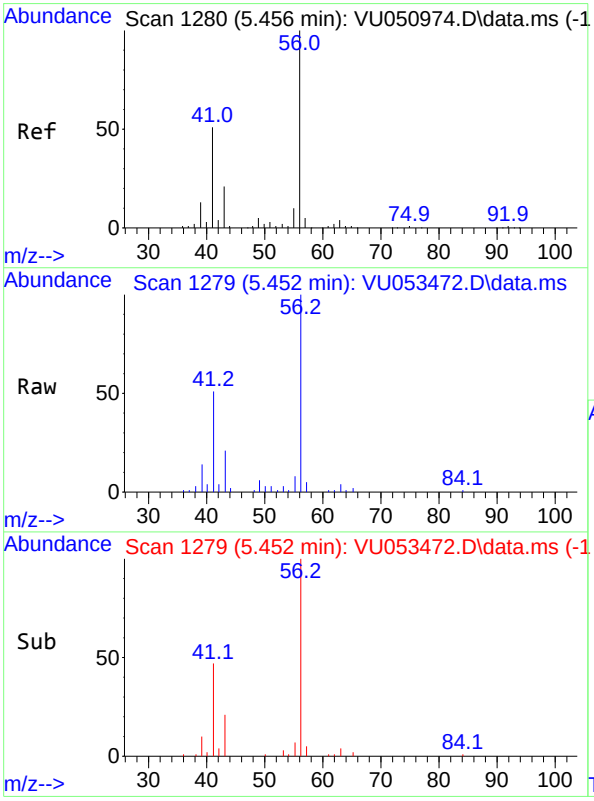
#41
Tetrahydrofuran
Concen: 3.666 ug/l
RT: 5.057 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 42 Resp: 5893

Ion	Ratio	Lower	Upper
42	100		
72	40.5	40.9	61.3#
71	60.5	36.9	55.3#

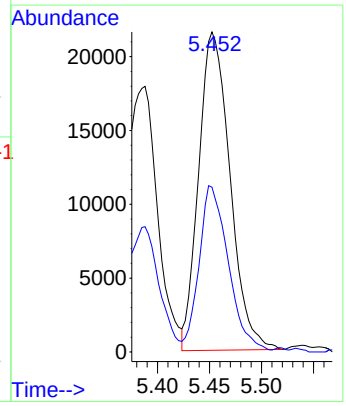


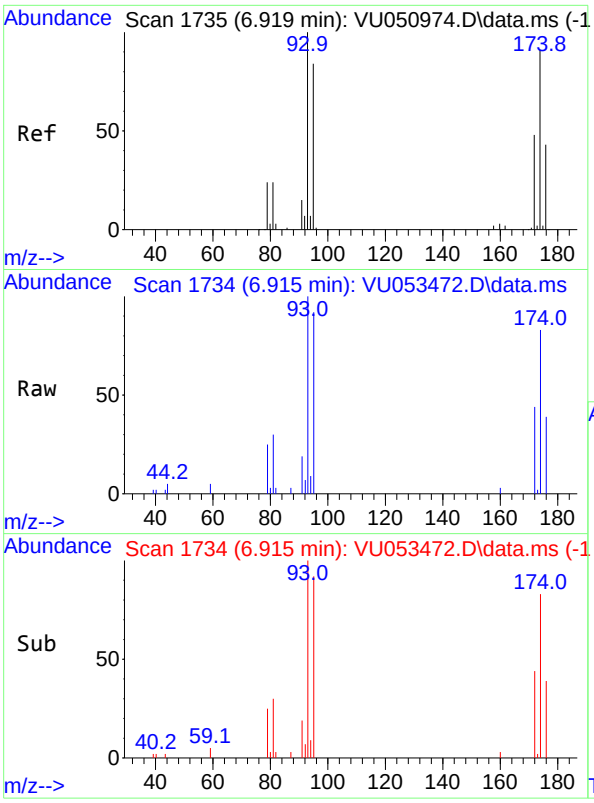


#42
1-Chlorobutane
Concen: 2.016 ug/l
RT: 5.452 min Scan# 1279
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 56 Resp: 45186

Ion	Ratio	Lower	Upper
56	100		
41	47.8	25.2	75.6



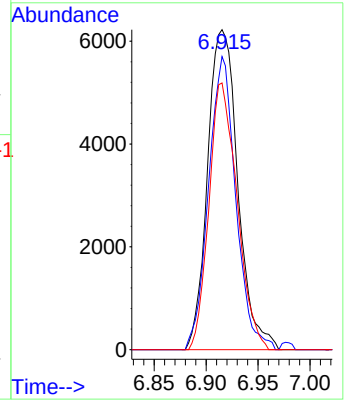


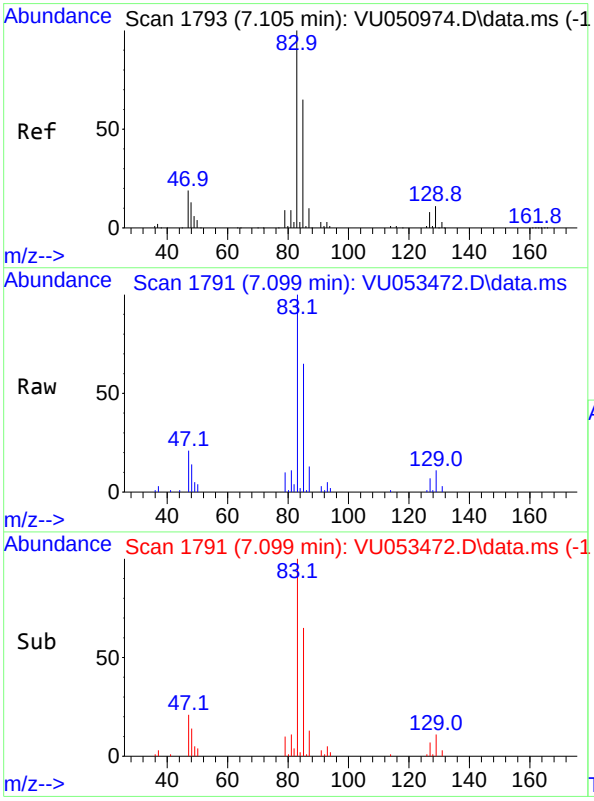
#43
Dibromomethane
Concen: 2.096 ug/l
RT: 6.915 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 93 Resp: 12614

Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.6
174	77.5	73.8	110.6

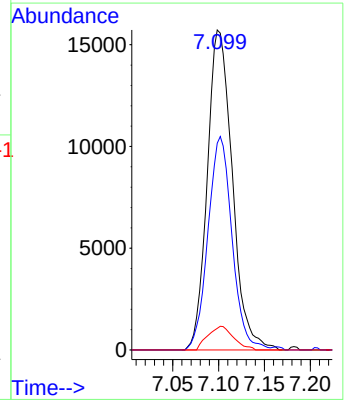


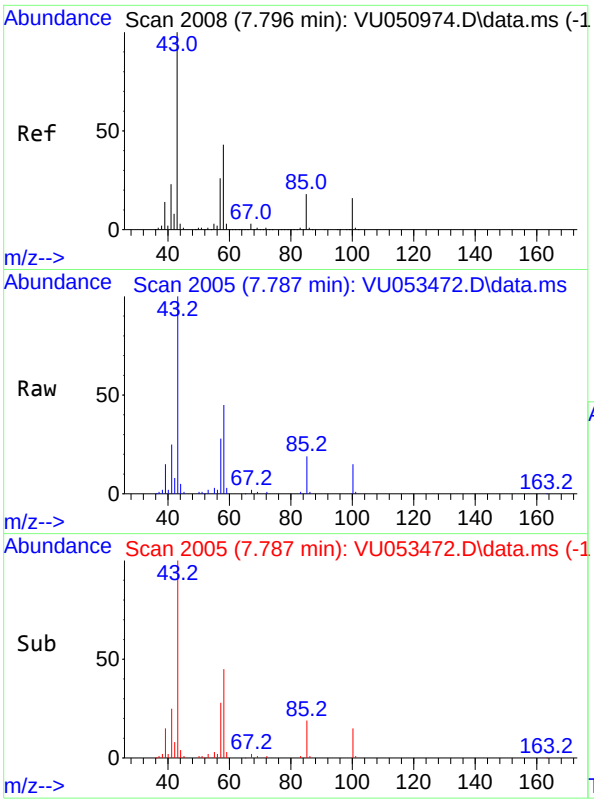


#44
Bromodichloromethane
Concen: 1.986 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 83 Resp: 29877

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9
127	6.8	6.7	10.1



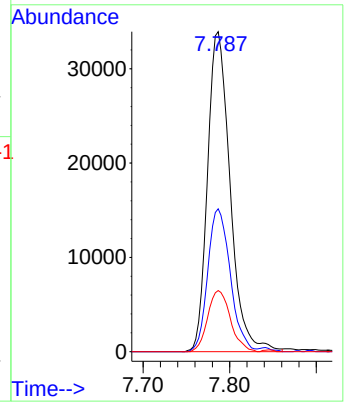


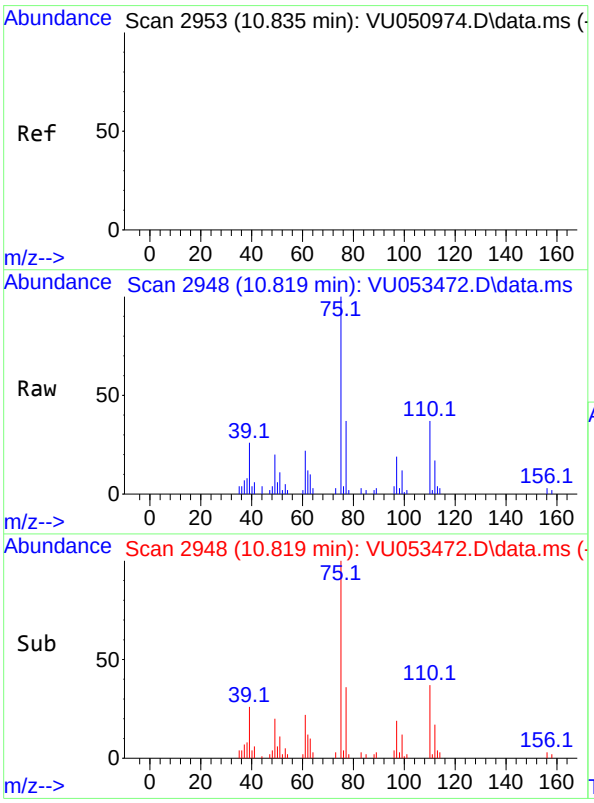
#45
4-Methyl-2-Pentanone
Concen: 9.859 ug/l
RT: 7.787 min Scan# 2
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 43 Resp: 61538

Ion	Ratio	Lower	Upper
43	100		
58	44.5	20.9	62.8
85	19.2	14.6	21.8

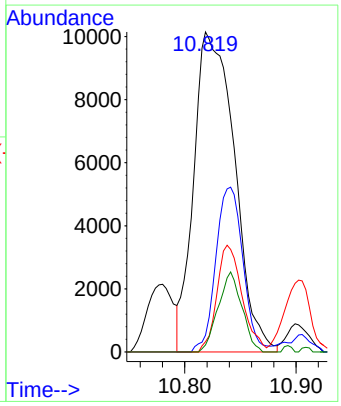


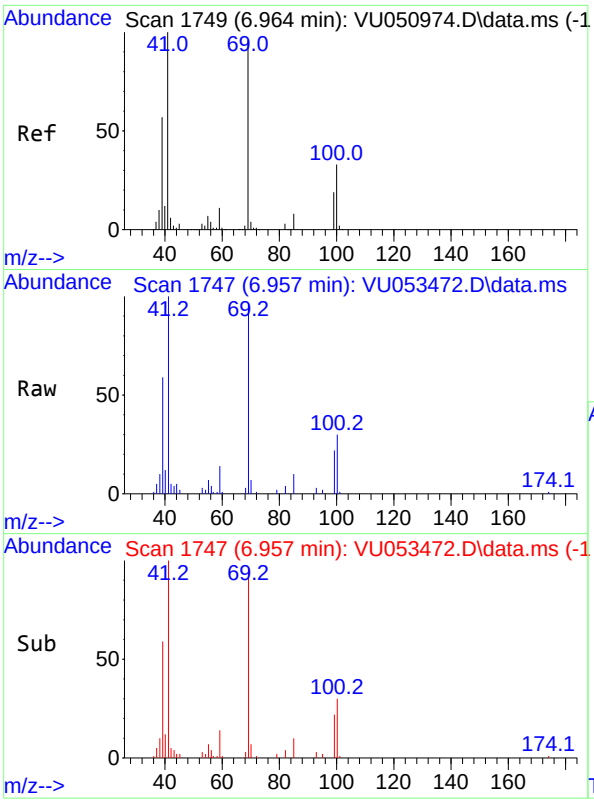


#46
t-1,4-Dichloro-2-butene
Concen: 7.335 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.016 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 75 Resp: 25695

Ion	Ratio	Lower	Upper
75	100		
53	34.5	73.3	109.9#
89	20.8	48.2	72.4#
88	14.6	36.4	54.6#



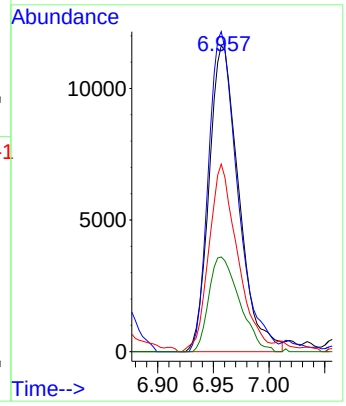


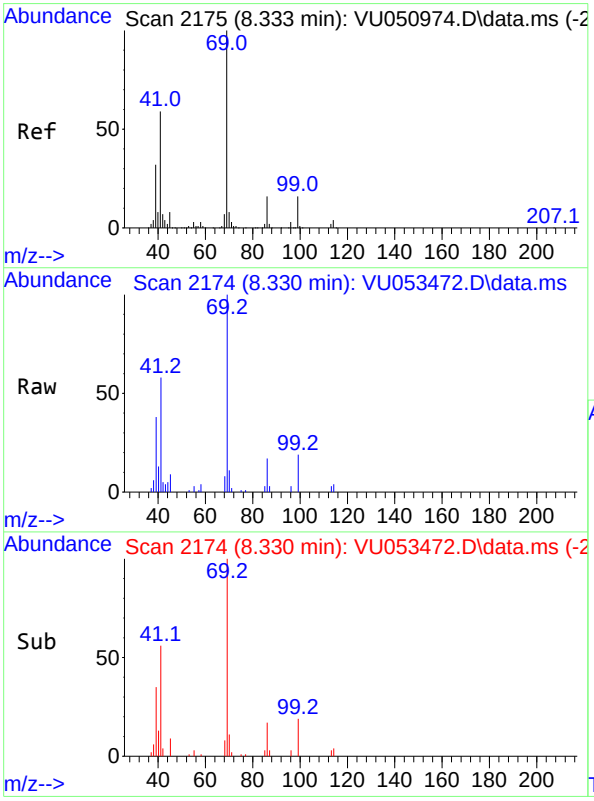
#47
Methyl methacrylate
Concen: 3.903 ug/l
RT: 6.957 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 69 Resp: 21596

Ion	Ratio	Lower	Upper
69	100		
41	102.4	0.0	209.2
39	59.2	46.7	70.1
100	31.9	27.4	41.2

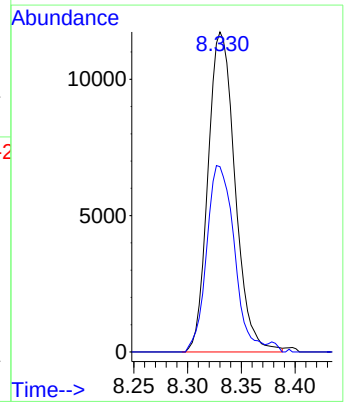


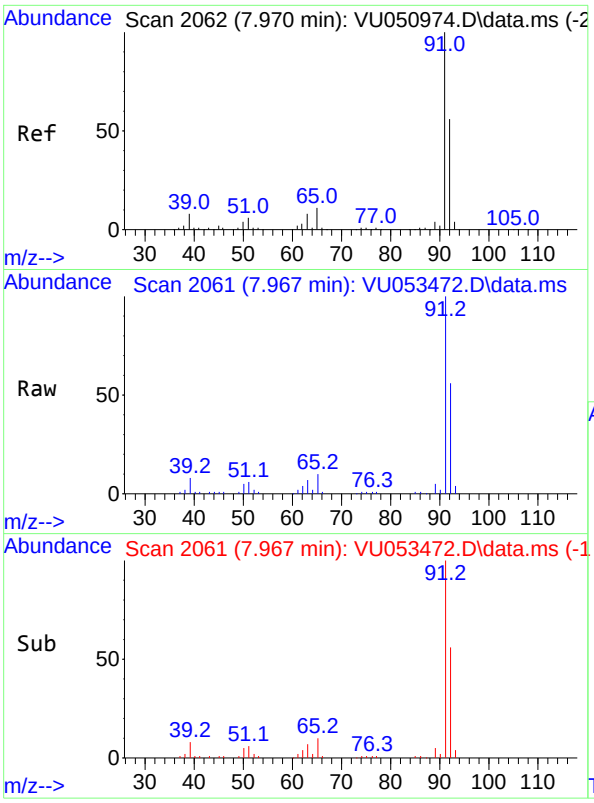


#48
Ethyl methacrylate
Concen: 1.910 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 69 Resp: 20496

Ion	Ratio	Lower	Upper
69	100		
41	59.6	30.3	90.8



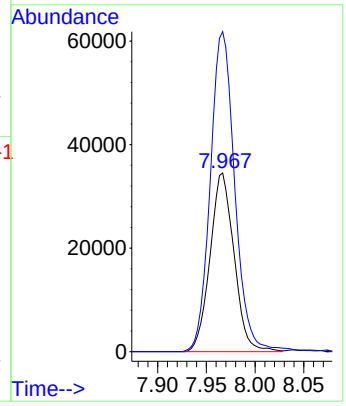


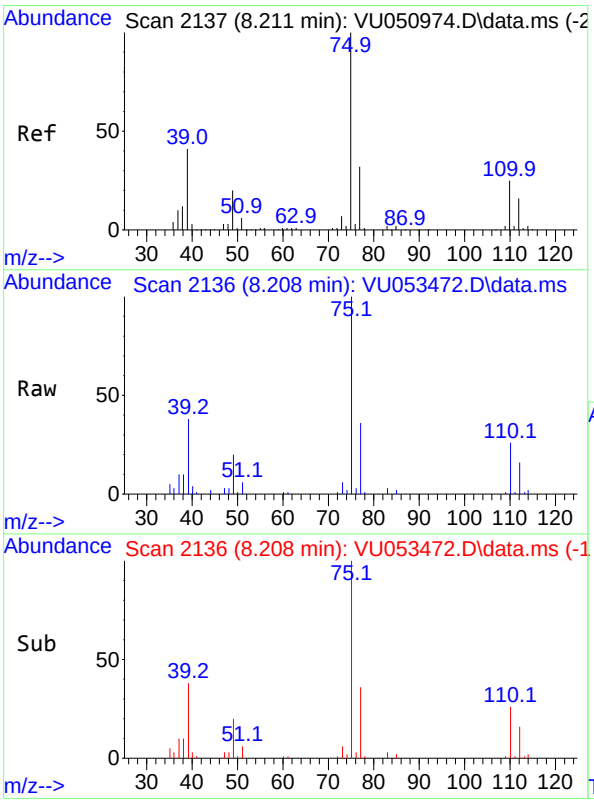
#49
Toluene
Concen: 1.961 ug/l
RT: 7.967 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 92 Resp: 59251

Ion	Ratio	Lower	Upper
92	100		
91	183.1	143.0	214.6

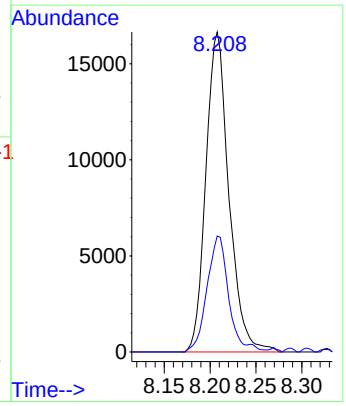


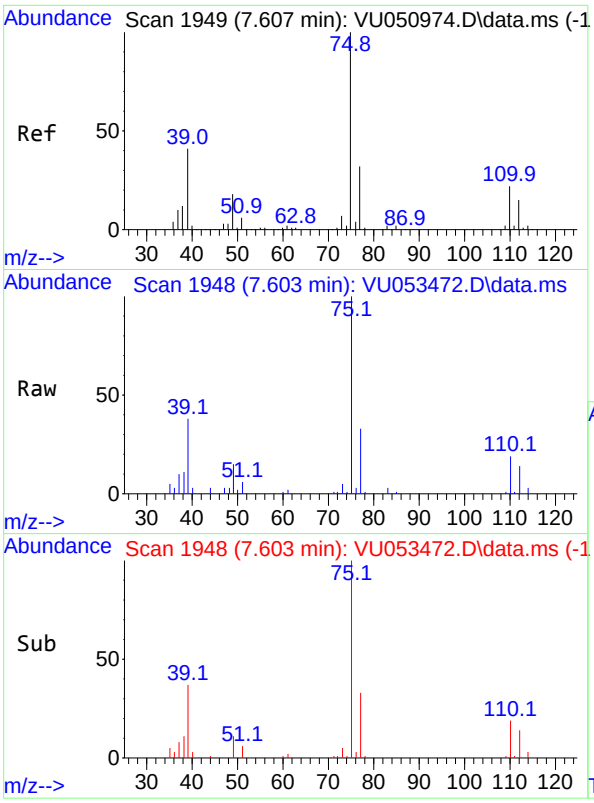


#50
t-1,3-Dichloropropene
Concen: 2.086 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 75 Resp: 29068

Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.3	37.9



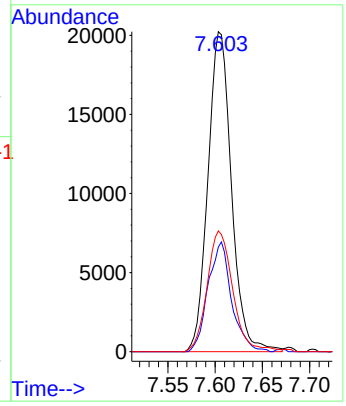


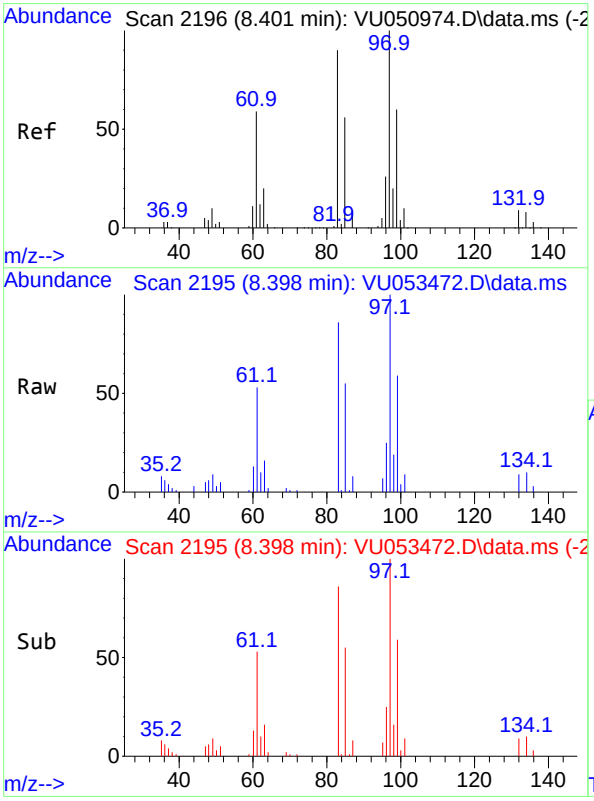
#51
cis-1,3-Dichloropropene
Concen: 2.031 ug/l
RT: 7.603 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 75 Resp: 35057

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.7	38.5
39	37.8	32.8	49.2

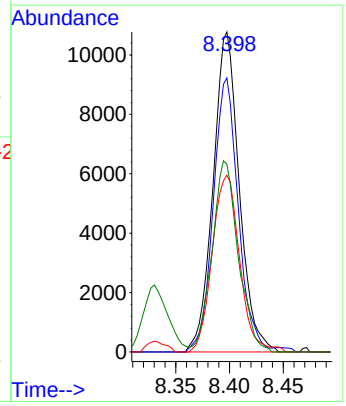


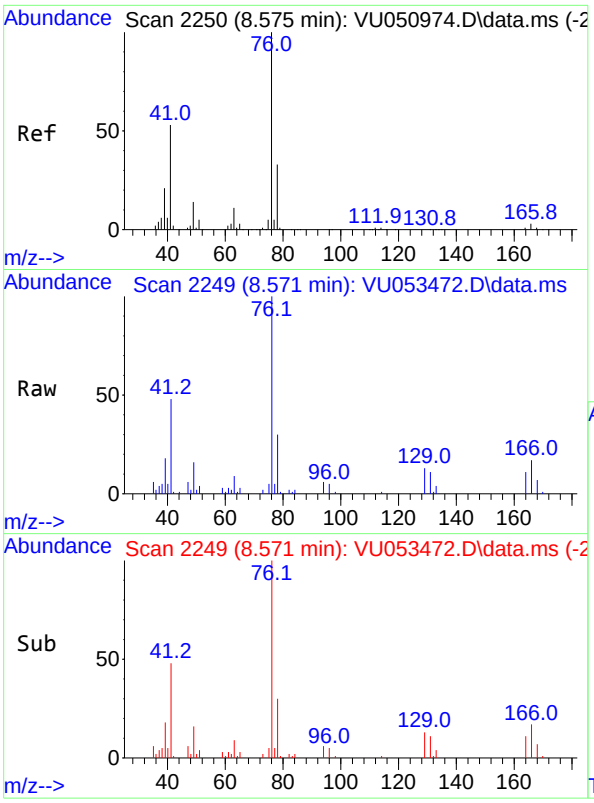


#52
1,1,2-Trichloroethane
Concen: 2.088 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 97 Resp: 18215

Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.8	107.8
85	55.3	45.2	67.8
99	58.7	50.6	75.8



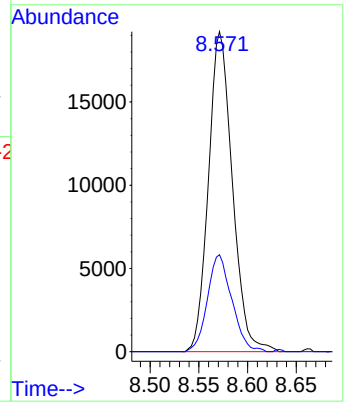


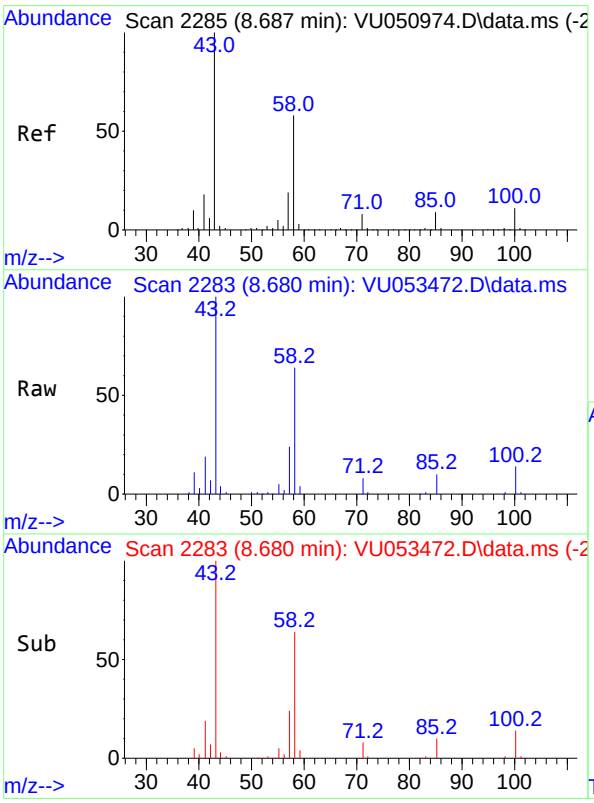
#53
1,3-Dichloropropane
Concen: 2.181 ug/l
RT: 8.571 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 76 Resp: 32825

Ion	Ratio	Lower	Upper
76	100		
78	30.9	25.9	38.9

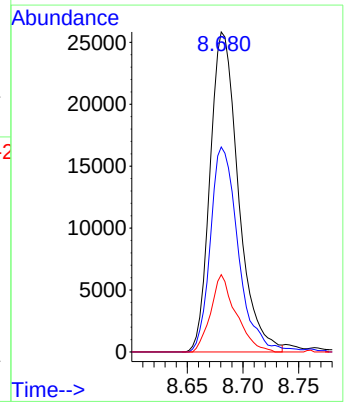


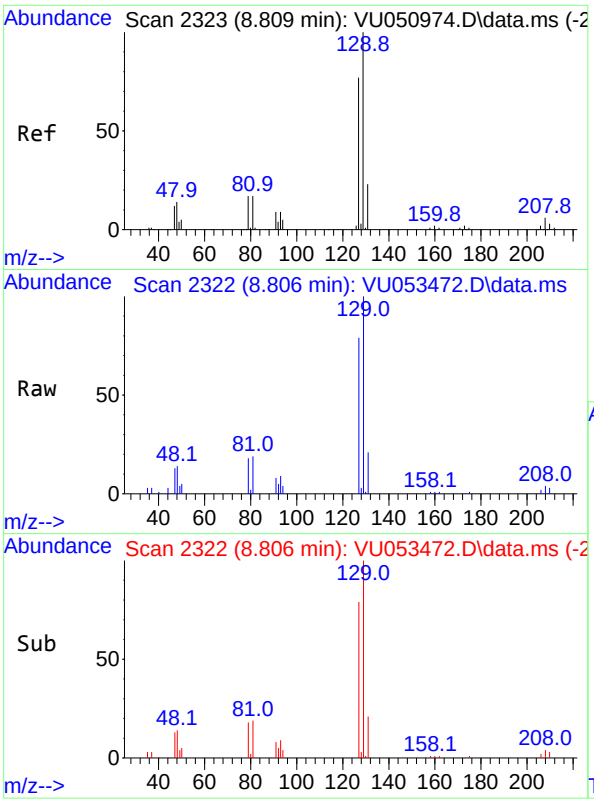


#54
2-Hexanone
Concen: 6.970 ug/l
RT: 8.680 min Scan# 2283
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 43 Resp: 45644

Ion	Ratio	Lower	Upper
43	100		
58	63.2	38.2	78.2
57	21.6	0.0	39.1



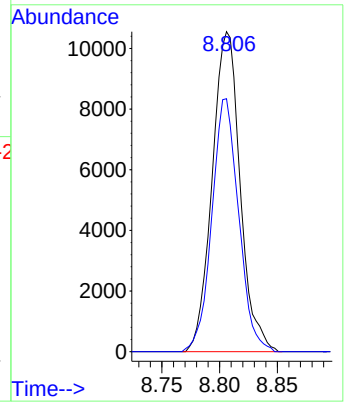


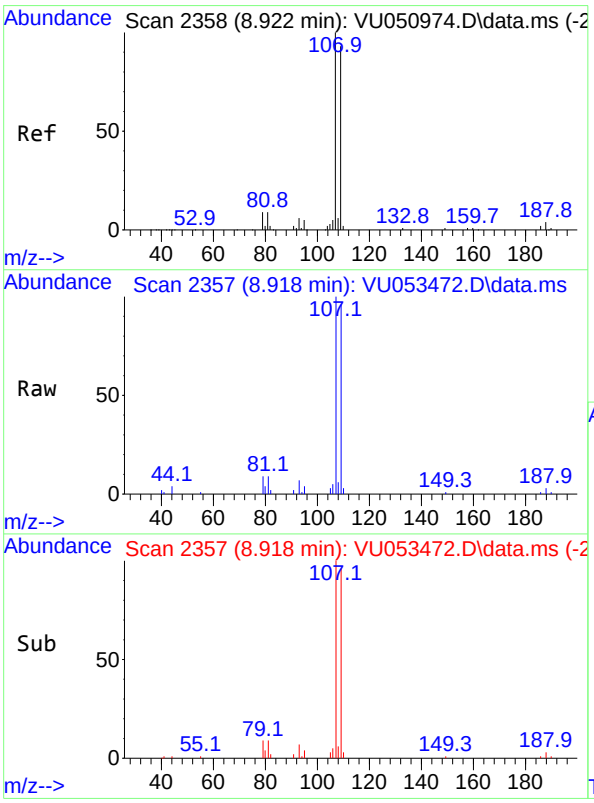
#55
Dibromochloromethane
Concen: 2.001 ug/l
RT: 8.806 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:129 Resp: 17772

Ion	Ratio	Lower	Upper
129	100		
127	75.8	61.4	92.0

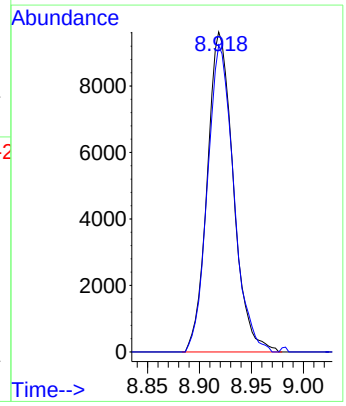


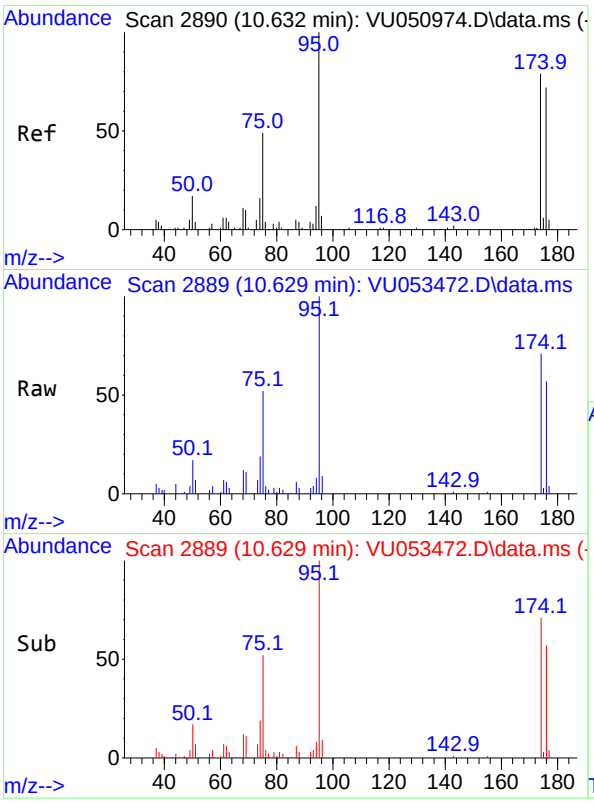


#56
1,2-Dibromoethane
Concen: 2.085 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:107 Resp: 16760

Ion	Ratio	Lower	Upper
107	100		
109	96.4	0.0	184.4



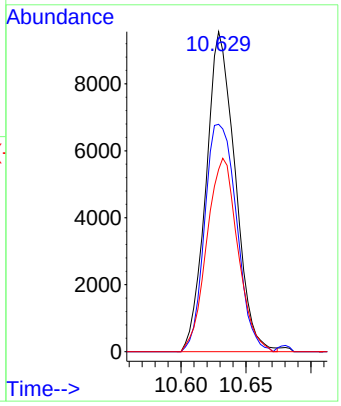


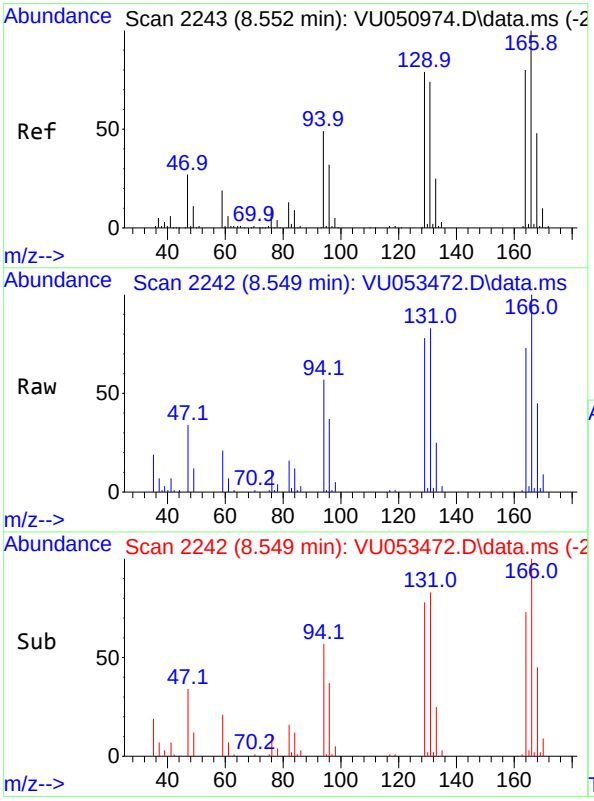
#57
4-Bromofluorobenzene
Concen: 0.943 ug/l
RT: 10.629 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 95 Resp: 14871

Ion	Ratio	Lower	Upper
95	100		
174	77.9	63.3	94.9
176	64.7	59.3	88.9

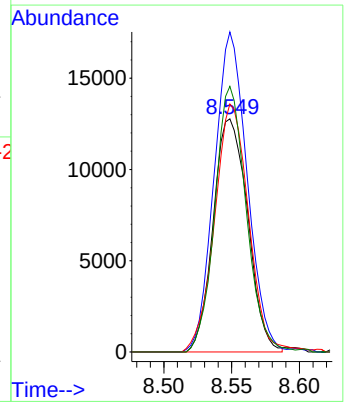


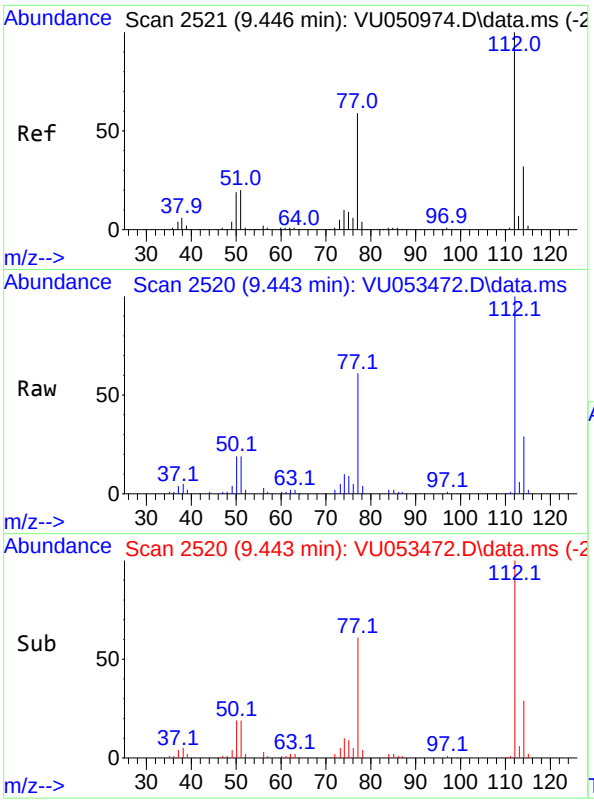


#58
Tetrachloroethene
Concen: 1.943 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:164 Resp: 22523

Ion	Ratio	Lower	Upper
164	100		
166	137.3	99.6	149.4
129	106.4	78.6	117.8
131	114.0	73.4	110.0#



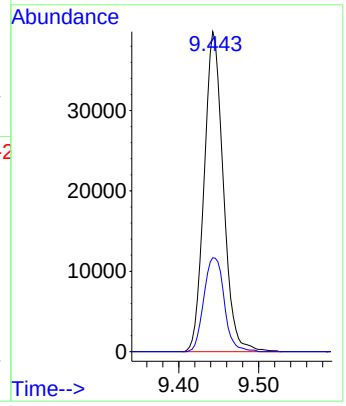


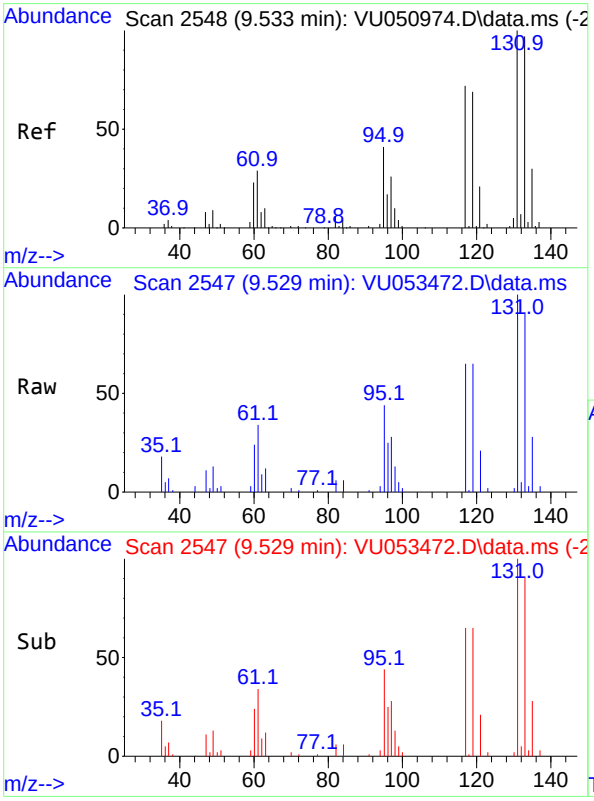
#59
Chlorobenzene
Concen: 1.992 ug/l
RT: 9.443 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:112 Resp: 66255

Ion	Ratio	Lower	Upper
112	100		
114	29.4	25.6	38.4

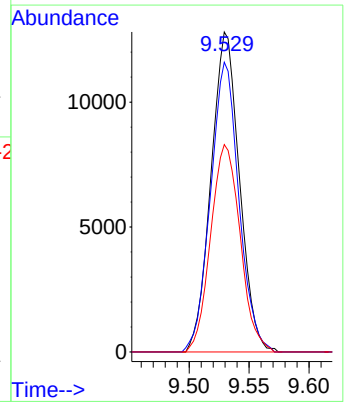


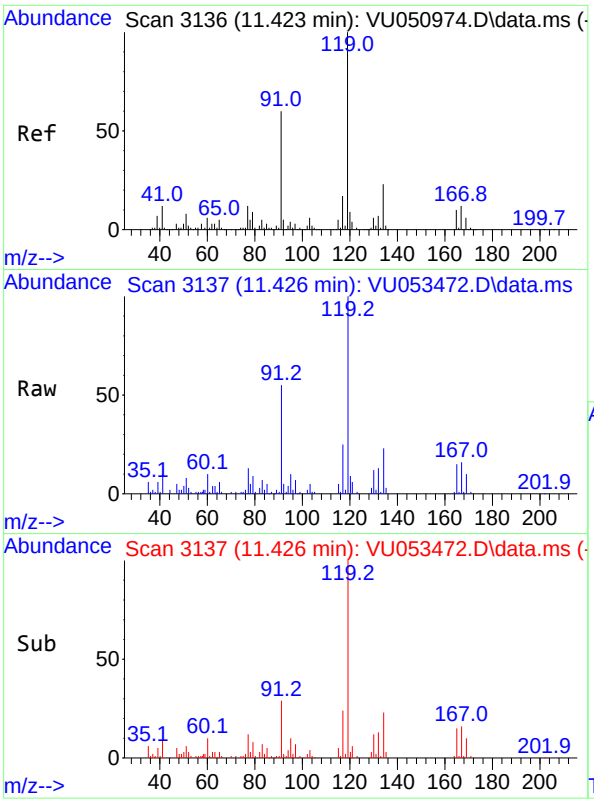


#60
1,1,1,2-Tetrachloroethane
Concen: 2.083 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:131 Resp: 21063

Ion	Ratio	Lower	Upper
131	100		
133	90.9	77.8	116.6
119	67.5	55.2	82.8



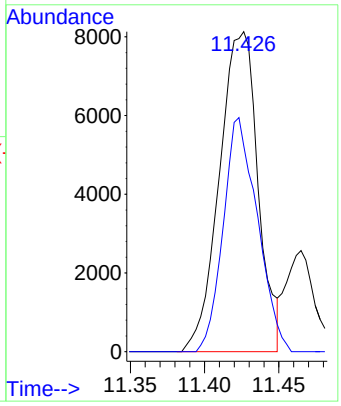


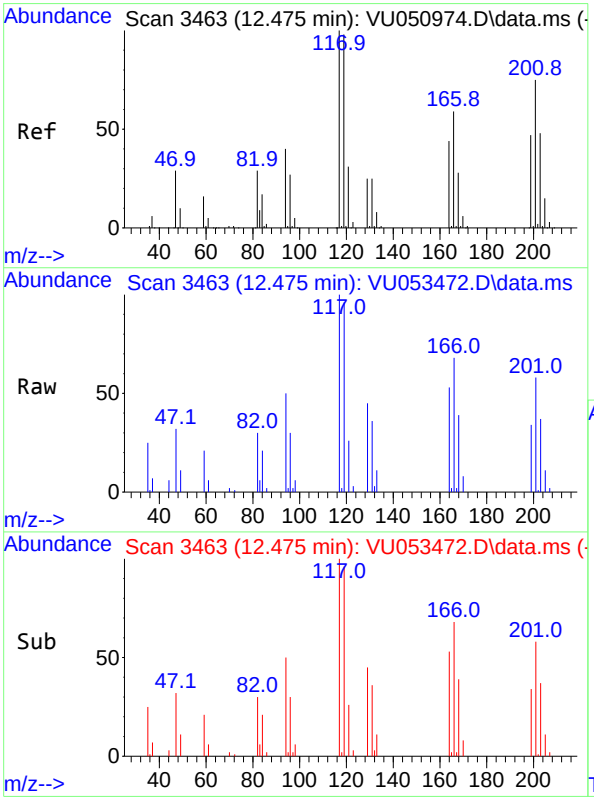
#61
Pentachloroethane
Concen: 2.075 ug/l
RT: 11.426 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:117 Resp: 14743

Ion	Ratio	Lower	Upper
117	100		
167	64.7	56.7	85.1

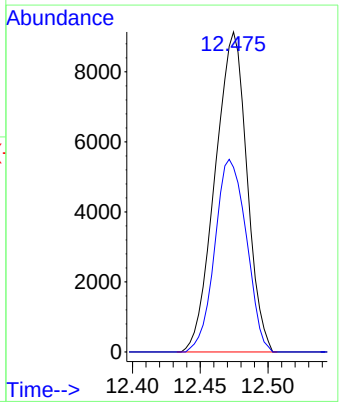


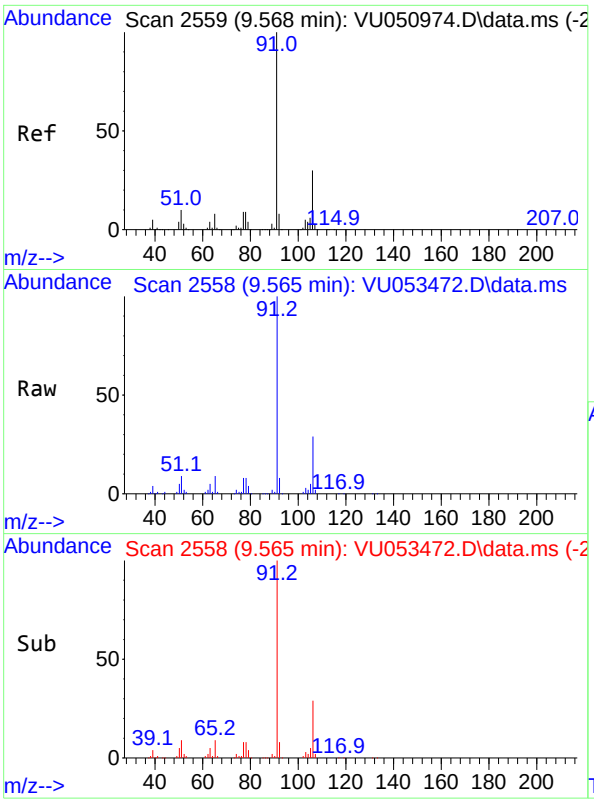


#62
Hexachloroethane
Concen: 1.949 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:117 Resp: 14937

Ion	Ratio	Lower	Upper
117	100		
201	59.7	59.6	89.4



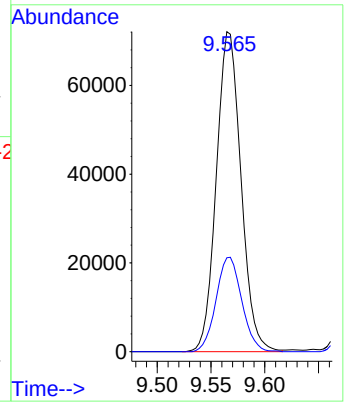


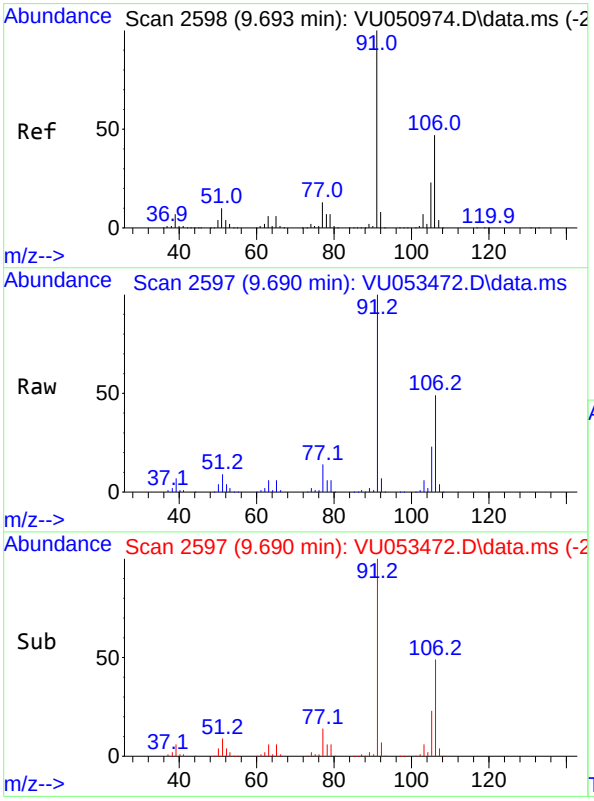
#63
Ethyl Benzene
Concen: 1.970 ug/l
RT: 9.565 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 91 Resp: 114903

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.2	36.2

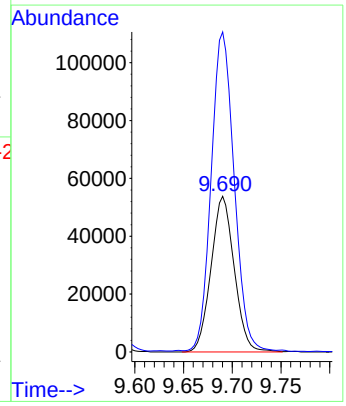


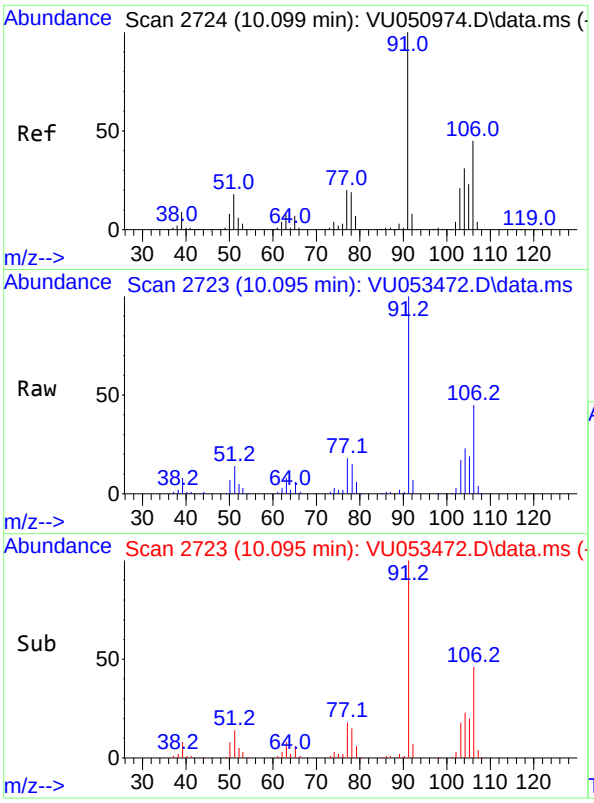


#64
m/p-Xylenes
Concen: 3.994 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:106 Resp: 89080

Ion	Ratio	Lower	Upper
106	100		
91	201.6	167.3	250.9



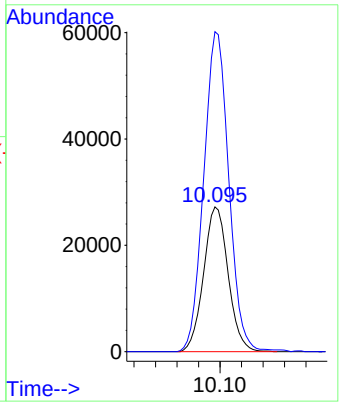


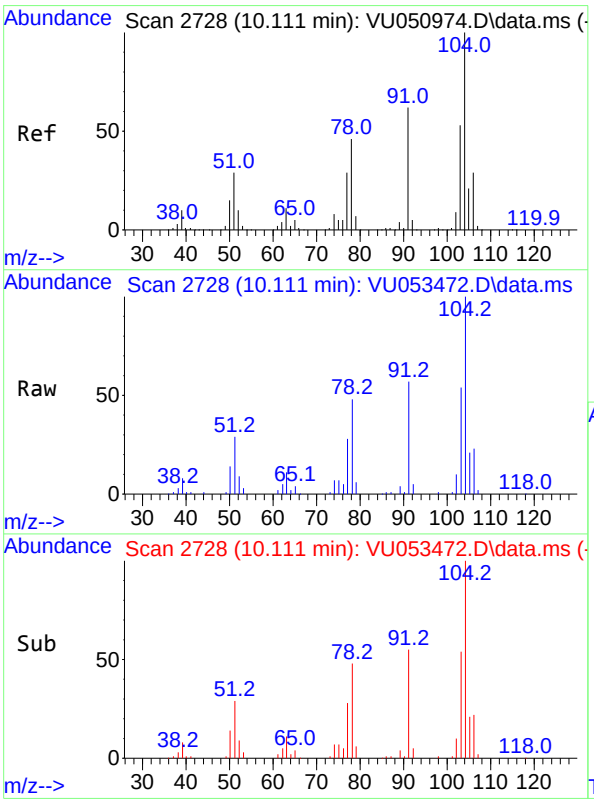
#65
o-Xylene
Concen: 1.976 ug/l
RT: 10.095 min Scan# 2
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:106 Resp: 43122

Ion	Ratio	Lower	Upper
106	100		
91	225.4	109.3	327.9

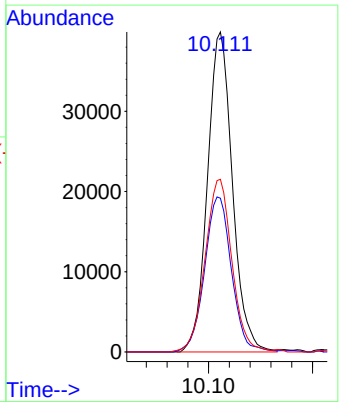


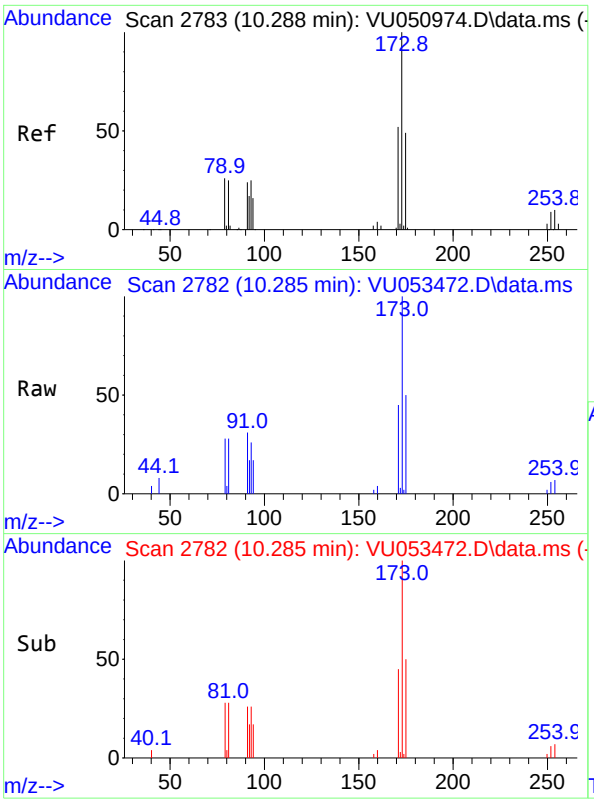


#66
Styrene
Concen: 1.984 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:104 Resp: 66567

Ion	Ratio	Lower	Upper
104	100		
78	52.1	39.7	59.5
103	58.0	44.8	67.2



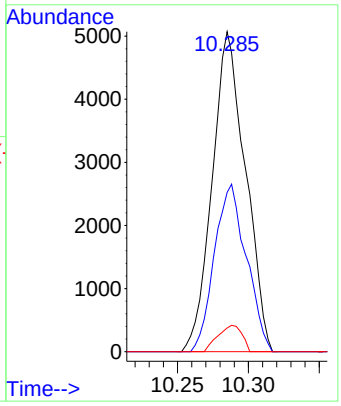


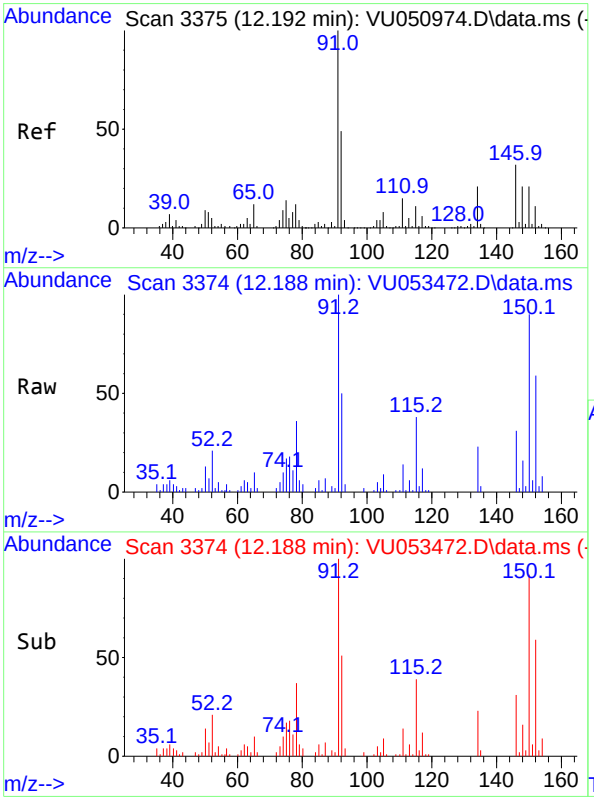
#67
Bromoform
Concen: 2.043 ug/l
RT: 10.285 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:173 Resp: 8272

Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.0	58.6
254	6.0	7.4	11.0#

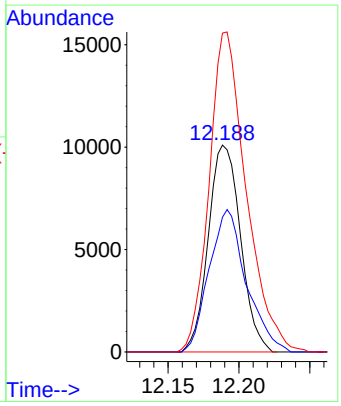


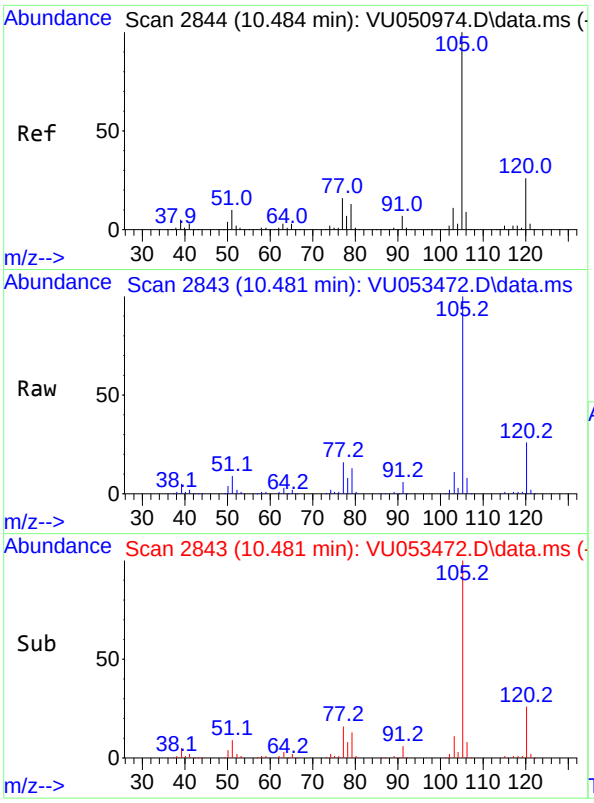


#68
1,2-Dichlorobenzene-d4
Concen: 1.009 ug/l
RT: 12.188 min Scan# 3374
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:152 Resp: 15970

Ion	Ratio	Lower	Upper
152	100		
115	79.5	0.0	308.8
150	177.6	0.0	635.0



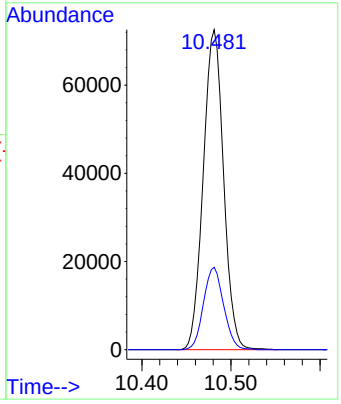


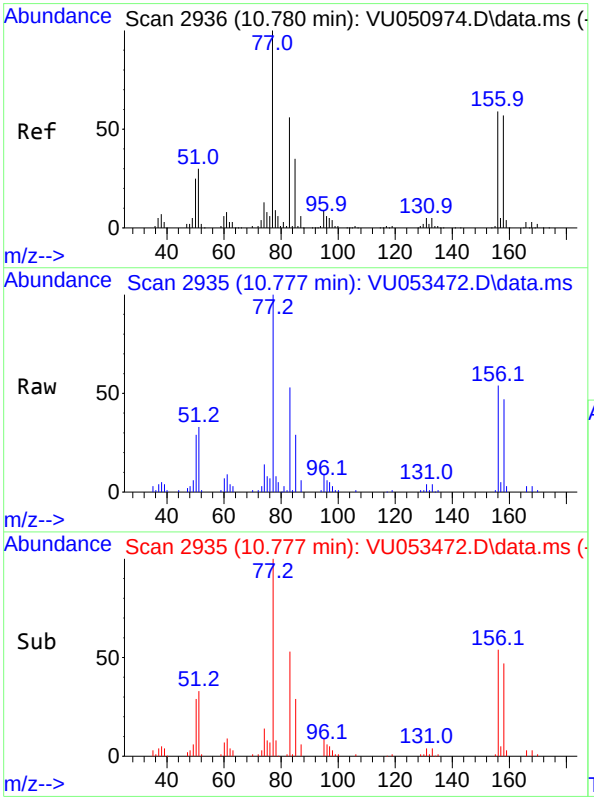
#69
Isopropylbenzene
Concen: 2.012 ug/l
RT: 10.481 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:105 Resp: 114965

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4

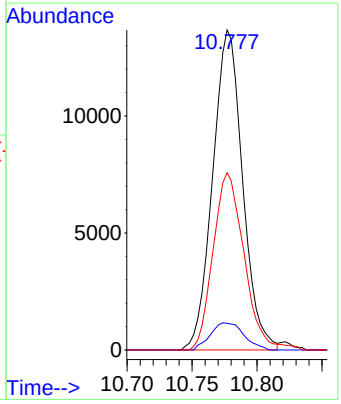


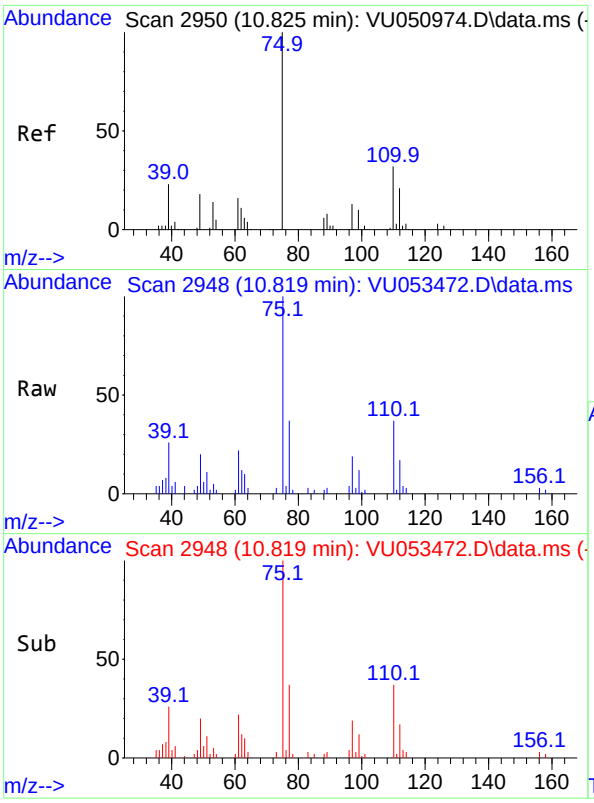


#70
1,1,2,2-Tetrachloroethane
Concen: 2.083 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 83 Resp: 21880

Ion	Ratio	Lower	Upper
83	100		
131	9.5	7.2	10.8
85	57.3	50.5	75.7



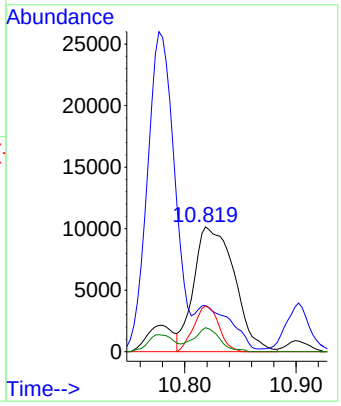


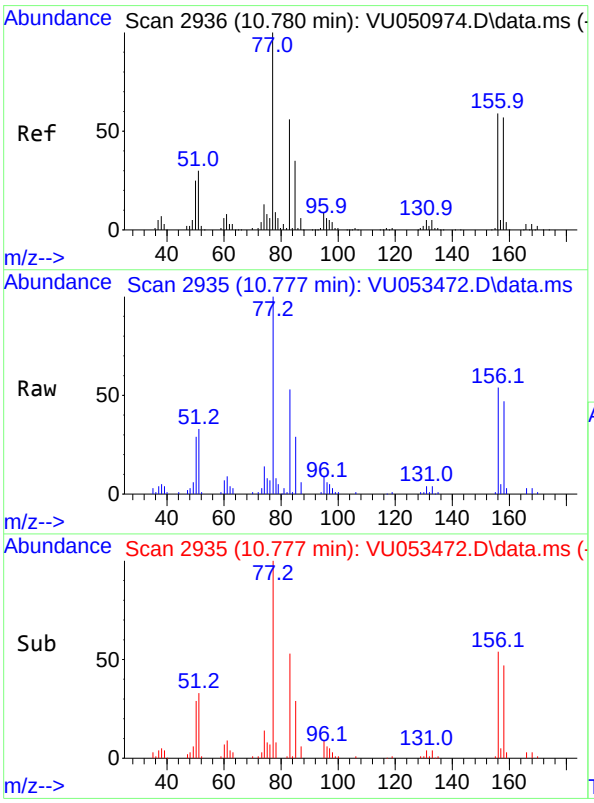
#71
1,2,3-Trichloropropane
Concen: 3.240 ug/l
RT: 10.819 min Scan# 2
Delta R.T. -0.006 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 75 Resp: 25695

Ion	Ratio	Lower	Upper
75	100		
77	30.5	0.0	116.4
110	22.6	0.0	74.6
97	12.5	0.0	40.0

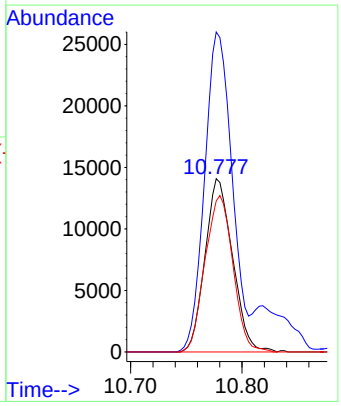


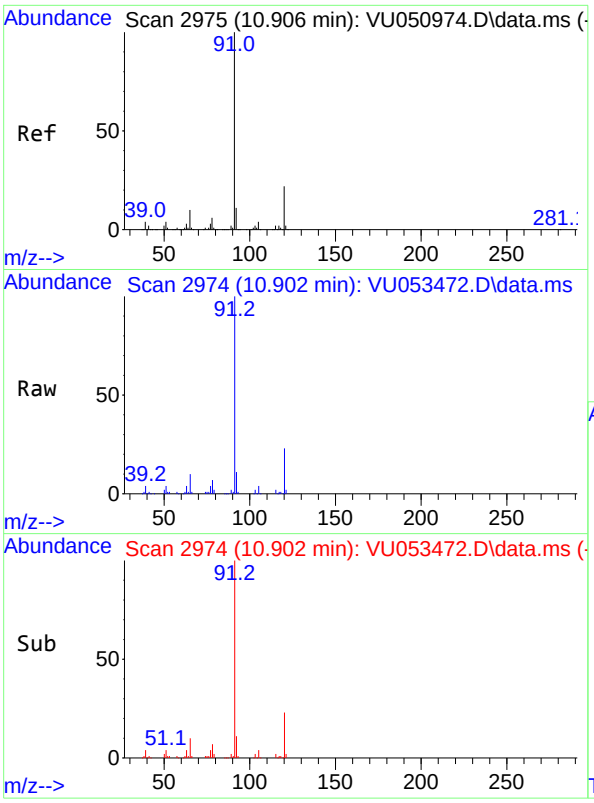


#72
Bromobenzene
Concen: 2.022 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:156 Resp: 24205

Ion	Ratio	Lower	Upper
156	100		
77	183.2	0.0	343.0
158	91.4	0.0	194.8



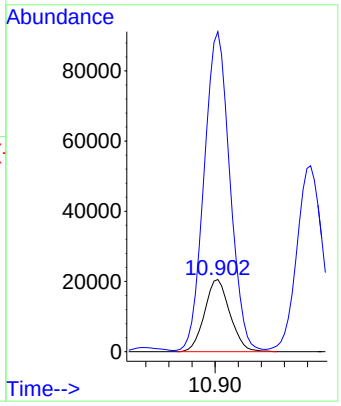


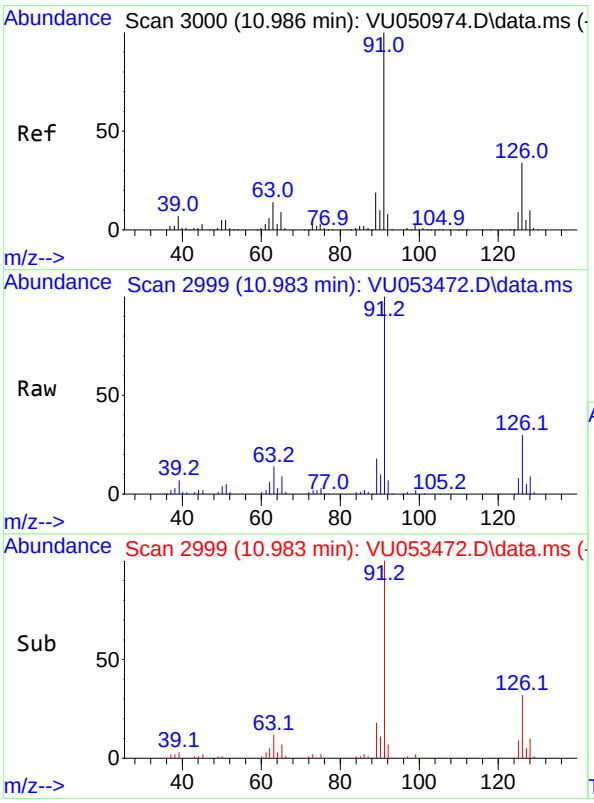
#73
n-propylbenzene
Concen: 2.069 ug/l
RT: 10.902 min Scan# 2
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:120 Resp: 31246

Ion	Ratio	Lower	Upper
120	100		
91	448.8	369.8	554.6

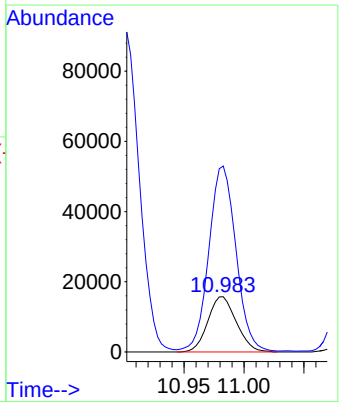


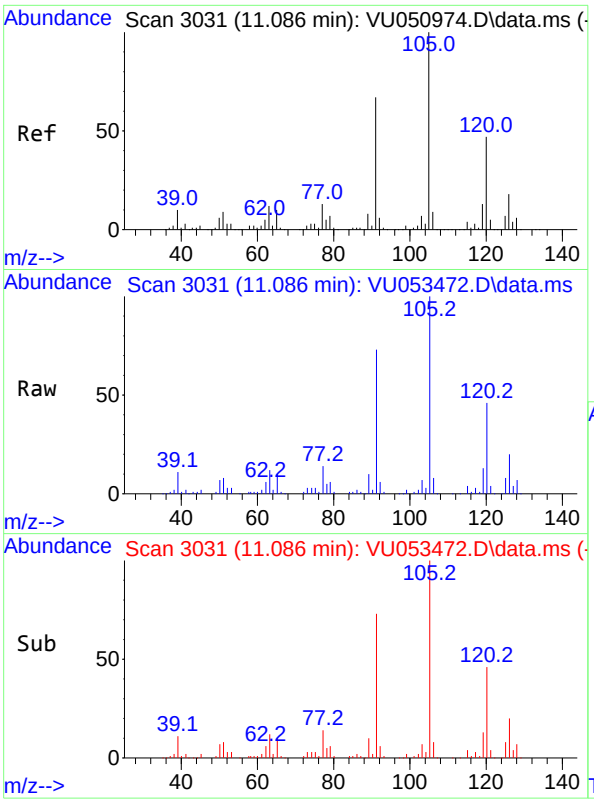


#74
2-Chlorotoluene
Concen: 1.987 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:126 Resp: 25940

Ion	Ratio	Lower	Upper
126	100		
91	317.3	0.0	610.0



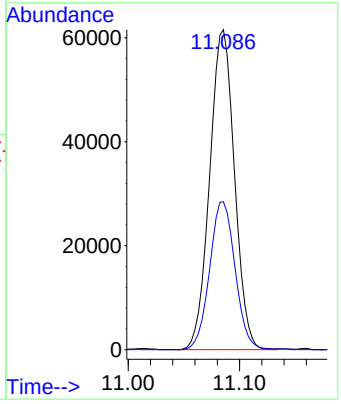


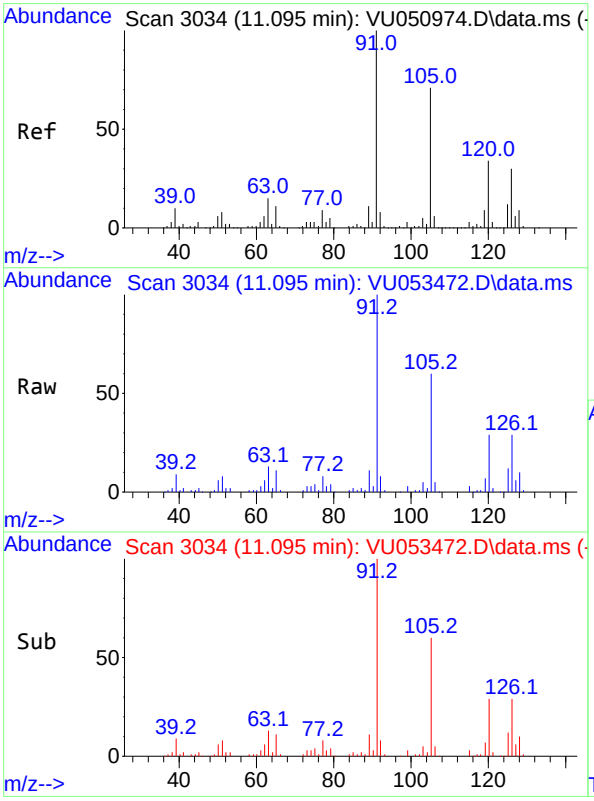
#75
1,3,5-Trimethylbenzene
Concen: 1.986 ug/l
RT: 11.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:105 Resp: 95318

Ion	Ratio	Lower	Upper
105	100		
120	47.5	37.8	56.8

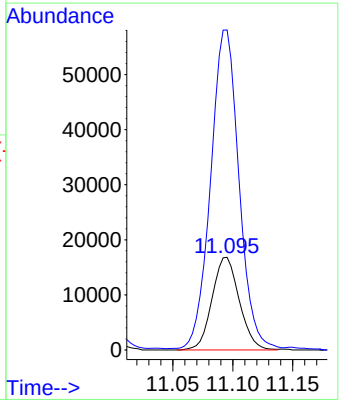


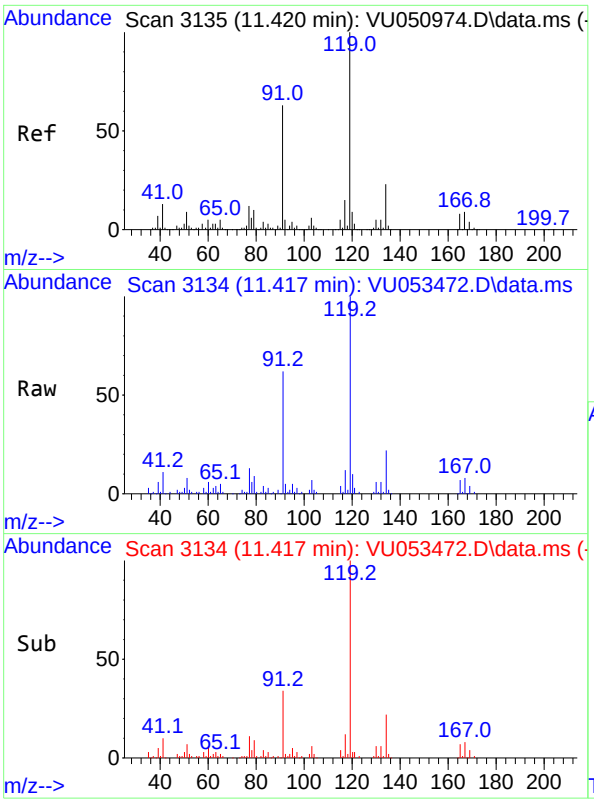


#76
4-Chlorotoluene
Concen: 1.954 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:126 Resp: 26488

Ion	Ratio	Lower	Upper
126	100		
91	356.4	0.0	686.2



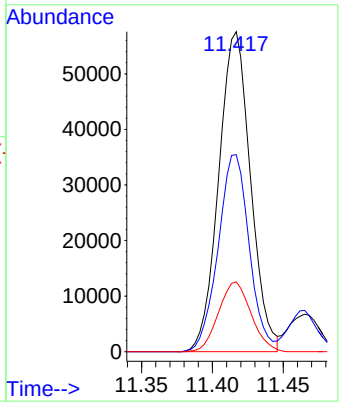


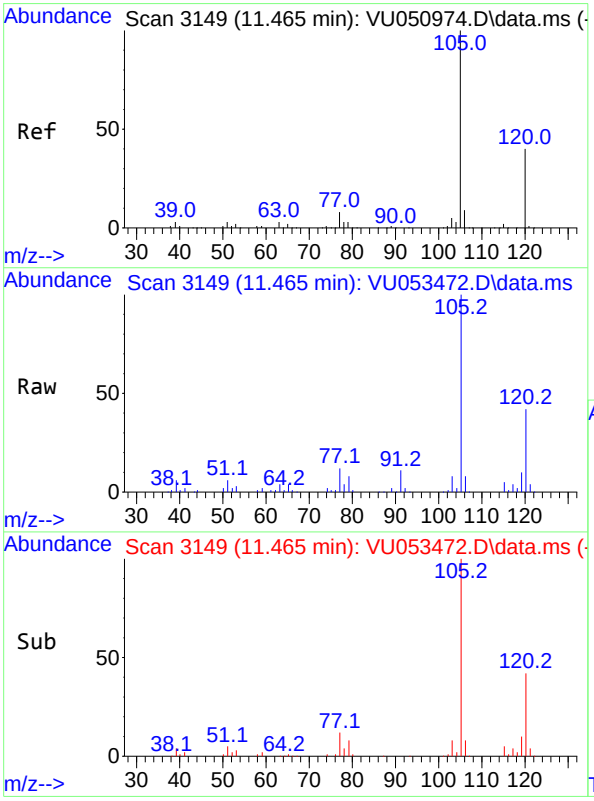
#77
tert-Butylbenzene
Concen: 2.023 ug/l
RT: 11.417 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:119 Resp: 89989

Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.8	92.4
134	22.2	18.0	27.0

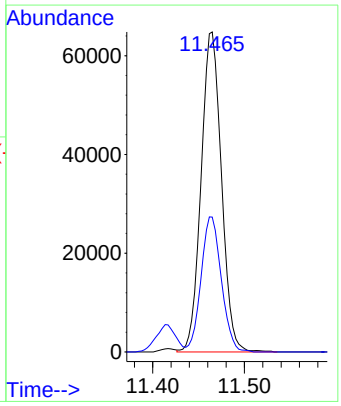


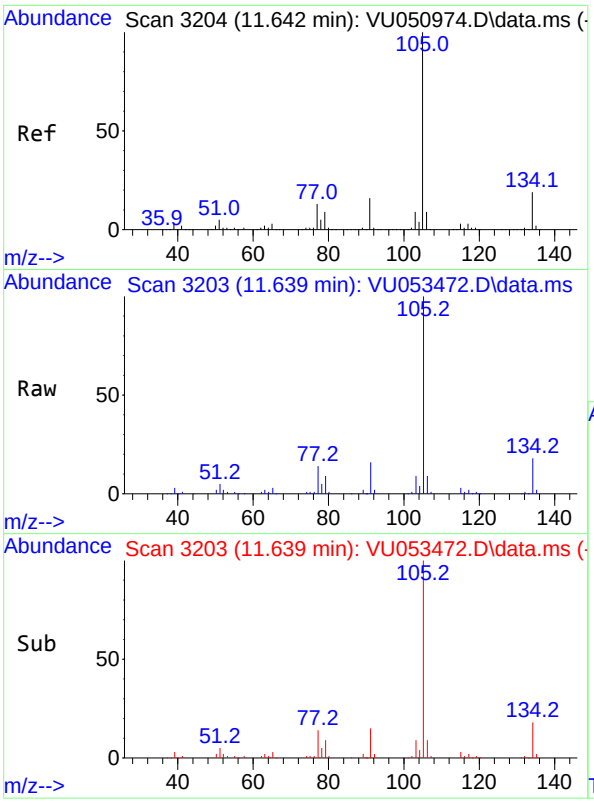


#78
1,2,4-Trimethylbenzene
Concen: 2.046 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:105 Resp: 100009

Ion	Ratio	Lower	Upper
105	100		
120	42.0	21.9	65.8



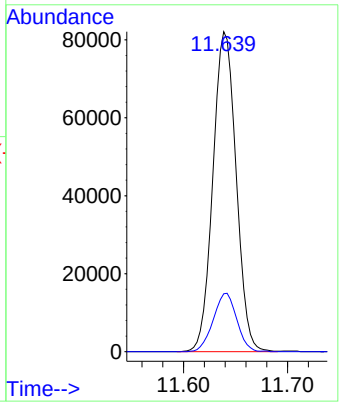


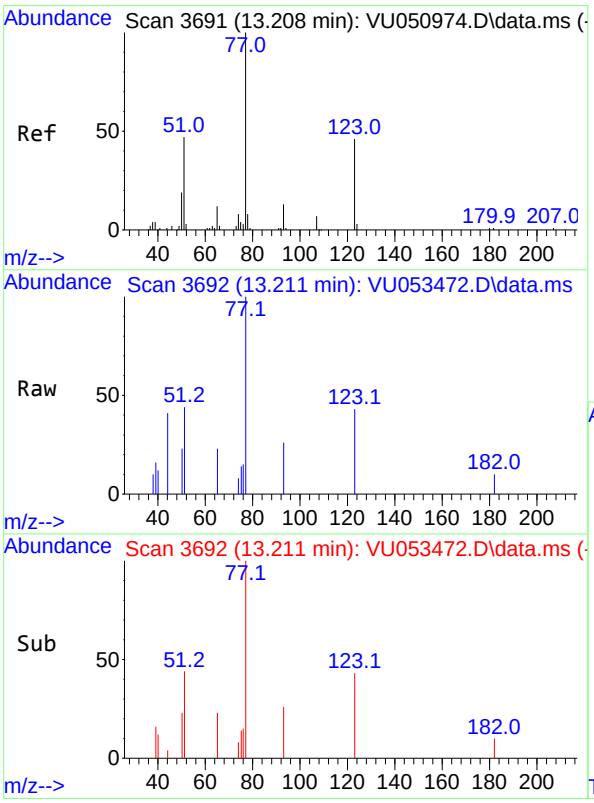
#79
sec-Butylbenzene
Concen: 1.988 ug/l
RT: 11.639 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:105 Resp: 127401

Ion	Ratio	Lower	Upper
105	100		
134	18.5	14.9	22.3

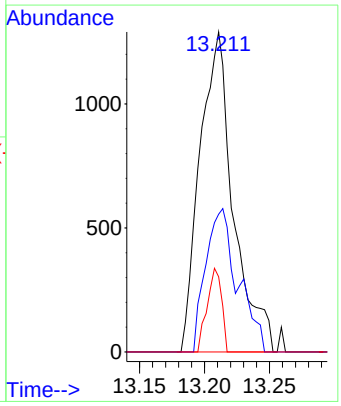


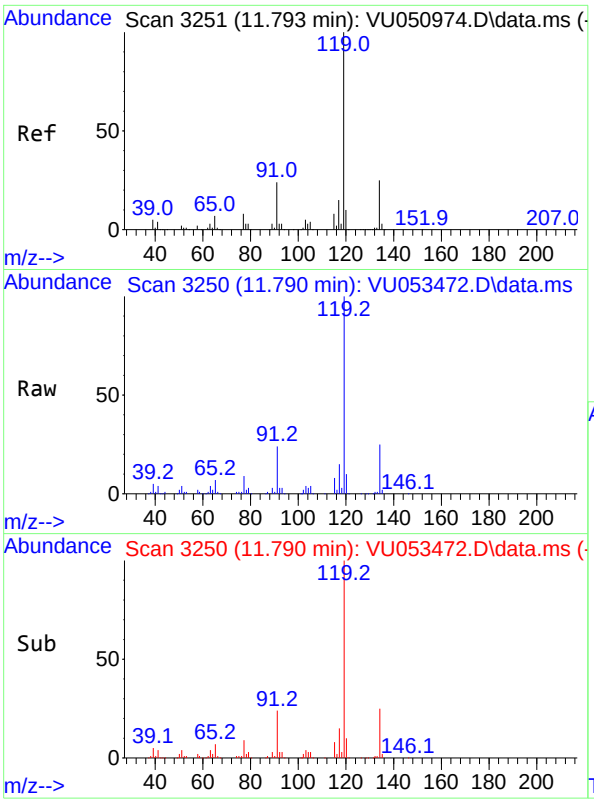


#80
Nitrobenzene
Concen: 8.742 ug/l
RT: 13.211 min Scan# 3692
Delta R.T. 0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 77 Resp: 2307

Ion	Ratio	Lower	Upper
77	100		
123	43.0	19.7	69.7
65	11.3	11.5	14.7#



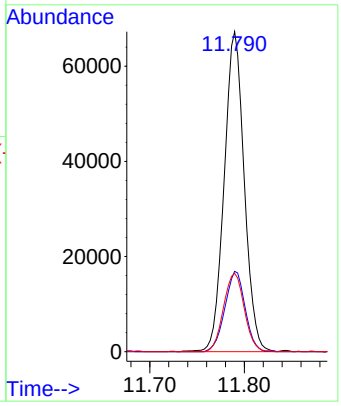


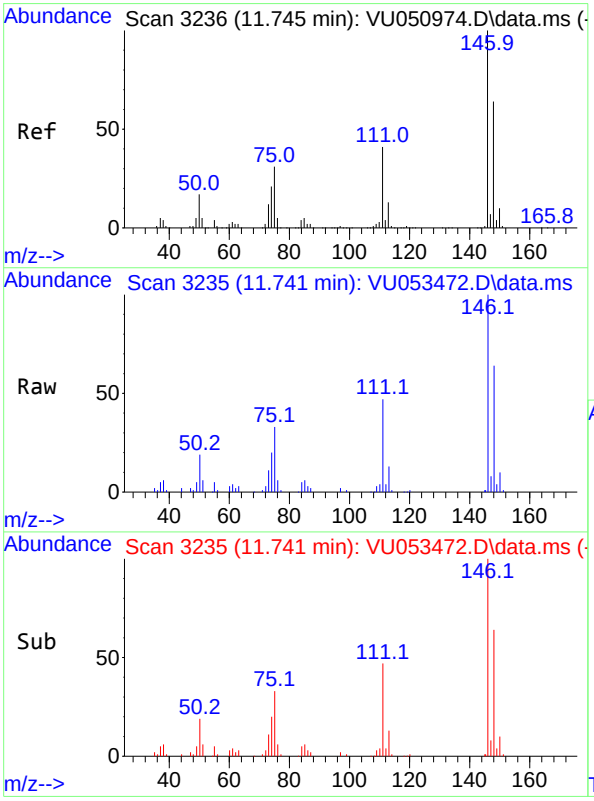
#81
p-Isopropyltoluene
Concen: 1.967 ug/l
RT: 11.790 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:119 Resp: 98997

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	25.4	19.3	28.9

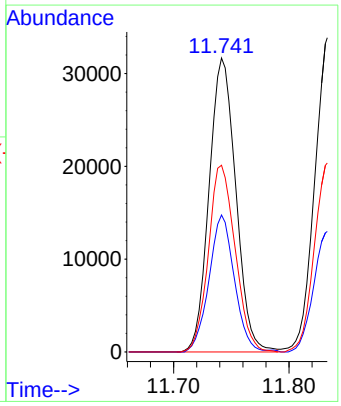


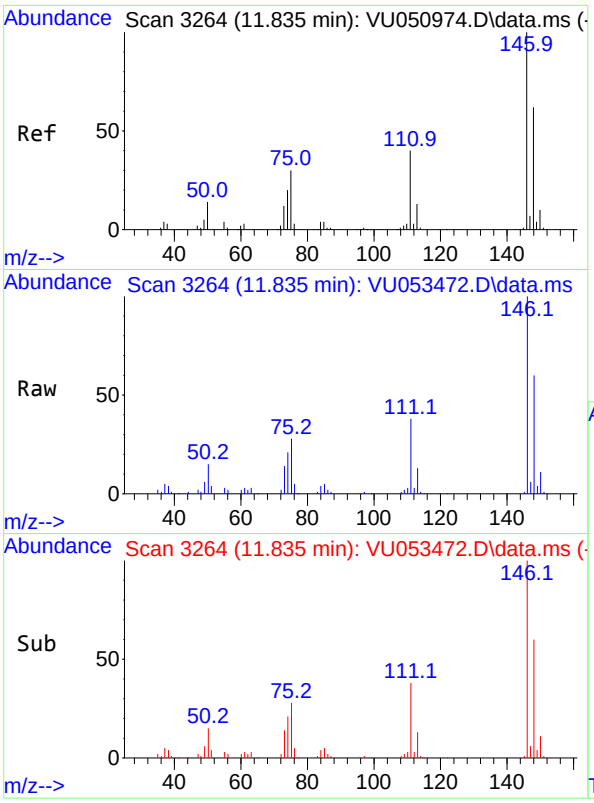


#82
1,3-Dichlorobenzene
Concen: 1.995 ug/l
RT: 11.741 min Scan# 3235
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:146 Resp: 50906

Ion	Ratio	Lower	Upper
146	100		
111	44.1	32.6	49.0
148	63.6	51.0	76.4



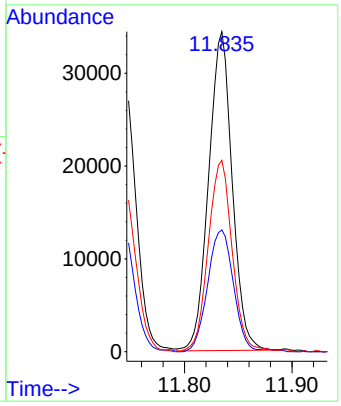


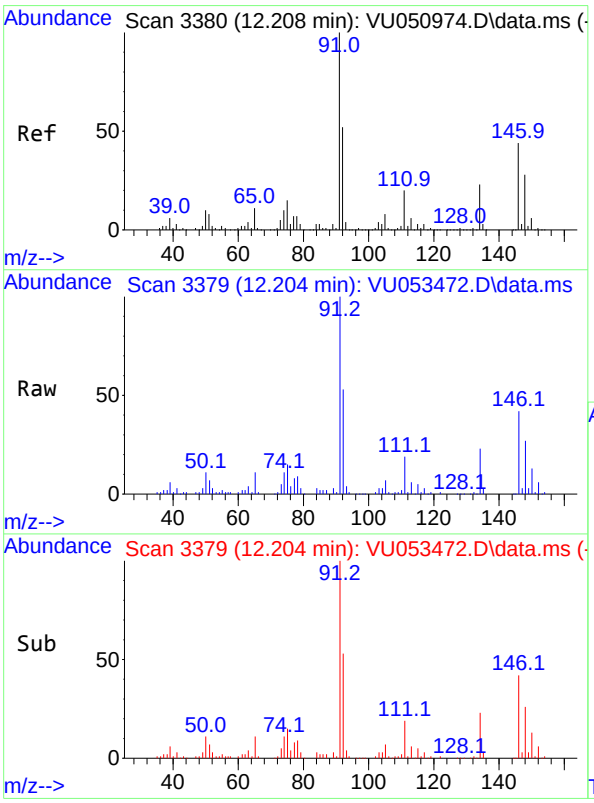
#83
1,4-Dichlorobenzene
Concen: 2.023 ug/l
RT: 11.835 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:146 Resp: 52236

Ion	Ratio	Lower	Upper
146	100		
111	41.6	31.6	47.4
148	61.4	50.3	75.5

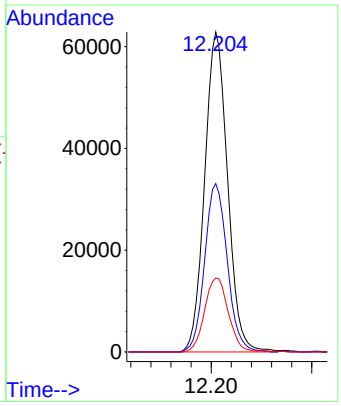


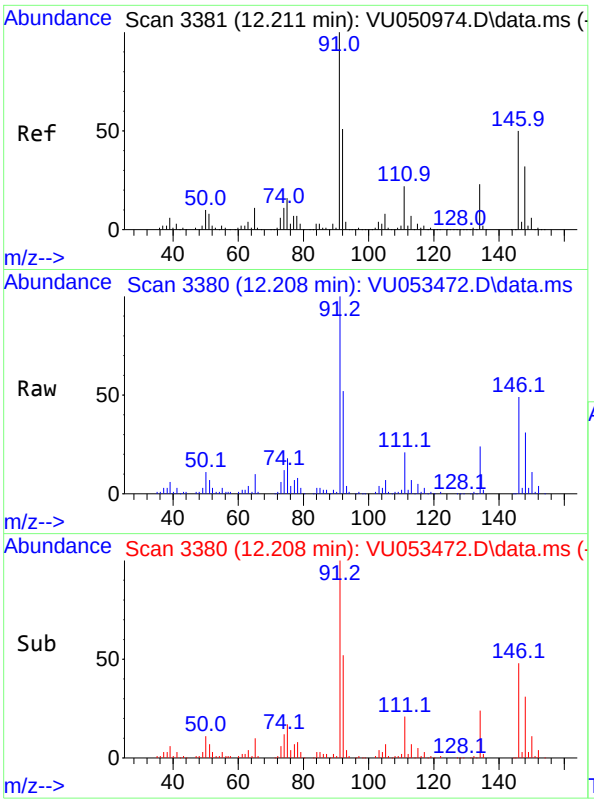


#84
n-Butylbenzene
Concen: 1.997 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 91 Resp: 99288

Ion	Ratio	Lower	Upper
91	100		
92	52.1	40.8	61.2
134	23.9	18.4	27.6



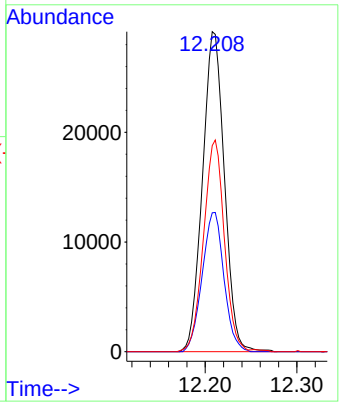


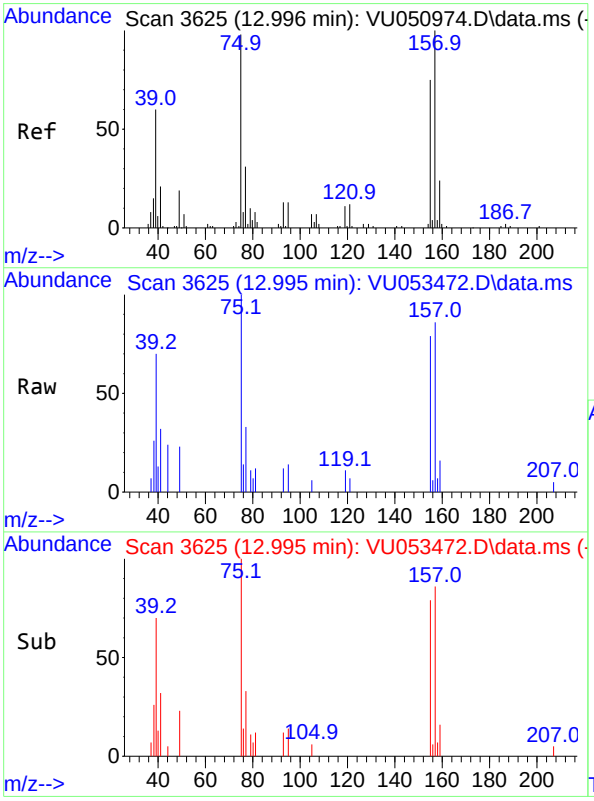
#85
1,2-Dichlorobenzene
Concen: 2.002 ug/l
RT: 12.208 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:146 Resp: 48402

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	63.1	32.1	96.5

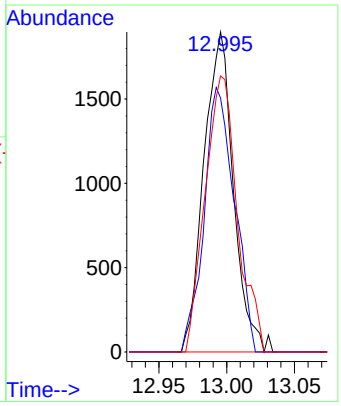


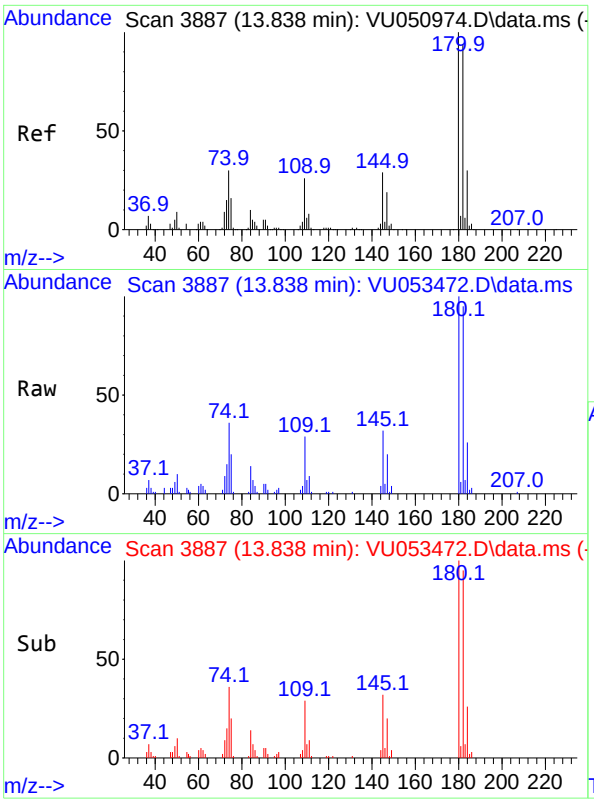


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.802 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 75 Resp: 2875

Ion	Ratio	Lower	Upper
75	100		
155	85.2	61.8	92.8
157	94.2	80.2	120.4



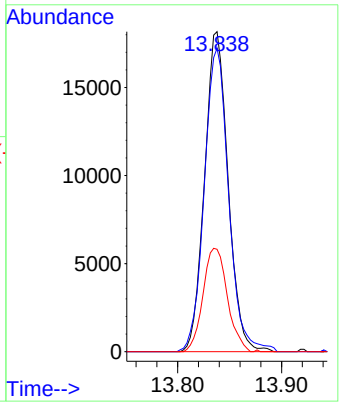


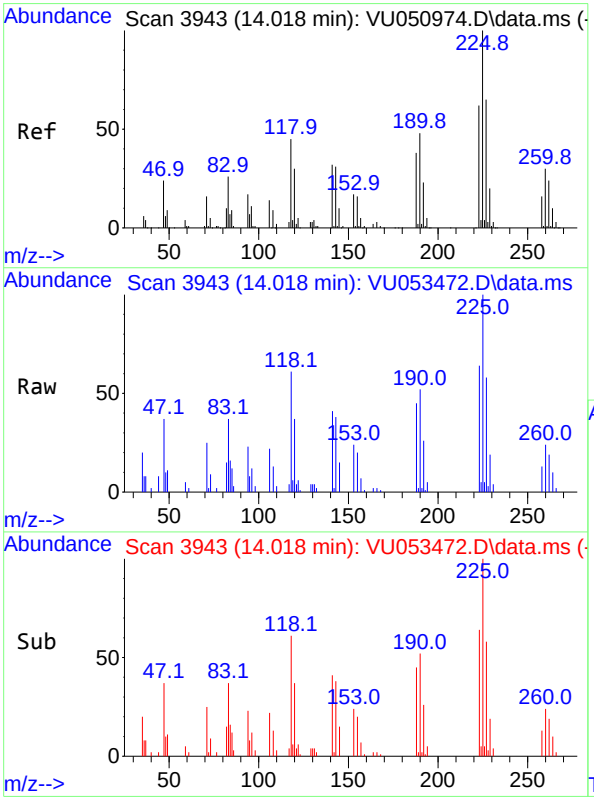
#87
1,2,4-Trichlorobenzene
Concen: 2.025 ug/l
RT: 13.838 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:180 Resp: 28563

Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.8	113.6
145	33.3	23.9	35.9

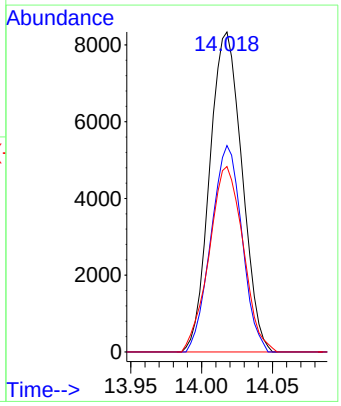


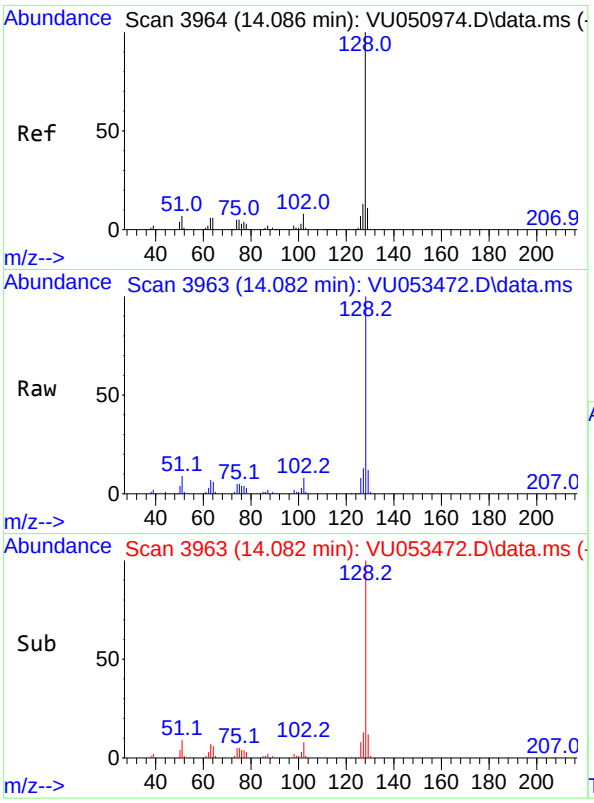


#88
Hexachlorobutadiene
Concen: 1.963 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:225 Resp: 13239

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	60.9	51.5	77.3



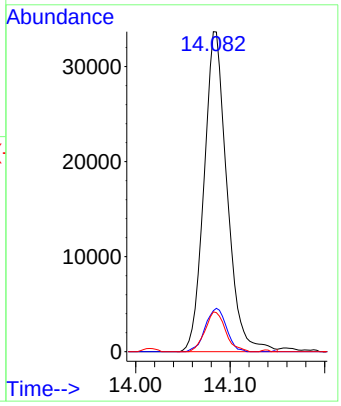


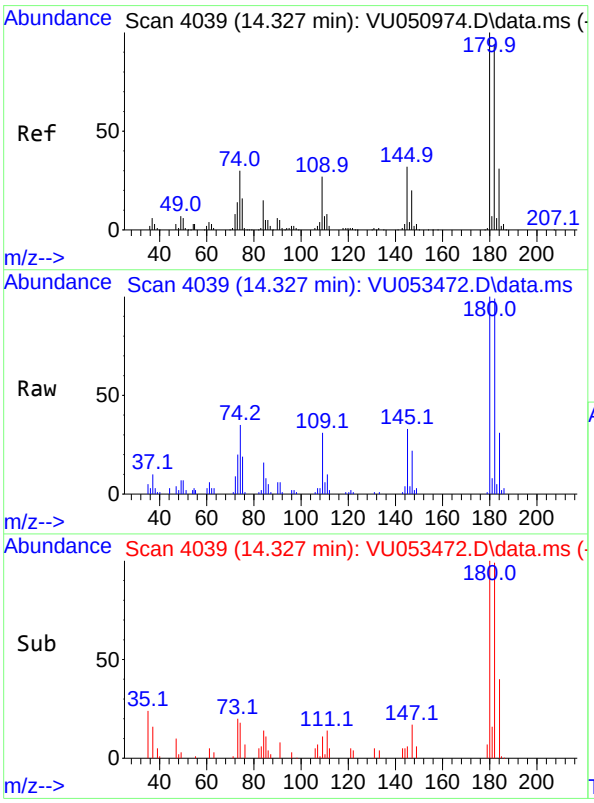
#89
Naphthalene
Concen: 2.005 ug/l
RT: 14.082 min Scan# 3
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

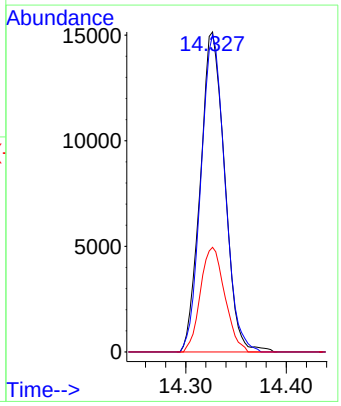
Tgt Ion:128 Resp: 56886

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.9	16.3
129	11.1	8.6	12.8





#90
1,2,3-Trichlorobenzene
Concen: 2.090 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:180 Resp: 25396

Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.7	113.5
145	32.8	26.1	39.1