Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
Data File : VU044088.D
Acq On : 08 Jun 2021 04:28
Operator : SY/MD
Sample : VU0607WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jun 08 07:14:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 05:21:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	214522	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	427170	50.000	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	431099	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	209245	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	193915	51.904	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.800%				
35) Dibromofluoromethane	5.298	113	149843	49.155	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.320%				
50) Toluene-d8	7.906	98	567663	48.278	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.560%				
62) 4-Bromofluorobenzene	10.639	95	214876	46.157	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.320%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	164	Below Cal		#	42
3) Chloromethane	1.523	50	1440	0.325	ug/l		98
5) Bromomethane	1.839	94	1174	0.713	ug/l		90
10) Methyl Iodide	2.736	142	1359	0.422	ug/l	#	85
11) Tert butyl alcohol	3.195	59	6307	6.809	ug/l	#	72
13) Acrolein	2.494	56	329	0.452	ug/l	#	76
15) Acrylonitrile	3.330	53	857	0.417	ug/l	#	53
16) Acetone	2.636	43	1983	0.920	ug/l	#	88
17) Carbon Disulfide	2.797	76	2527	0.287	ug/l		97
18) Methyl Acetate	2.961	43	1093	0.230	ug/l	#	87
20) Methylene Chloride	3.057	84	1216	Below Cal			86
25) 2-Butanone	4.729	43	925	0.301	ug/l	#	48
29) Tetrahydrofuran	5.073	42	818	0.479	ug/l	#	79
31) Cyclohexane	5.382	56	5404	1.048	ug/l	#	1
36) 1,1-Dichloropropene	5.382	75	19893	4.134	ug/l	#	51
38) Carbon Tetrachloride	5.382	117	23391	5.379	ug/l	#	18
49) 1,4-Dioxane	6.986	88	76	0.731	ug/l	#	21
51) 4-Methyl-2-Pentanone	7.800	43	3439	0.540	ug/l		91
56) Ethyl methacrylate	8.340	69	383	3.441	ug/l	#	78
58) 2-Chloroethyl Vinyl ether	7.475	63	62	19.334	ug/l	#	51
59) 2-Hexanone	8.697	43	5027	1.016	ug/l		89
74) N-amyl acetate	10.327	43	2718	0.422	ug/l	#	79
76) 1,2,3-Trichloropropane	10.639	75	111888	19.115	ug/l	#	43
77) Bromobenzene	10.787	156	743	0.219	ug/l		89
81) trans-1,4-Dichloro-2-b...	10.639	75	111888	55.815	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.475	105	1660	1.069	ug/l		97
87) 1,3-Dichlorobenzene	11.755	146	1858	0.275	ug/l		97
88) 1,4-Dichlorobenzene	11.755	146	1858	0.260	ug/l		97
89) n-Butylbenzene	12.214	91	3259	0.250	ug/l		96
91) 1,2-Dichlorobenzene	12.221	146	2130	0.317	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	13.005	75	458	0.327	ug/l		93
93) 1,2,4-Trichlorobenzene	13.848	180	3808	0.969	ug/l		98
94) Hexachlorobutadiene	14.028	225	887	0.396	ug/l		93
95) Naphthalene	14.095	128	23879	4.424	ug/l		98
96) 1,2,3-Trichlorobenzene	14.340	180	4346	1.147	ug/l		95

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Data File : VU044088.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 08 07:14:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 05:21:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
Data File : VU044088.D
Acq On : 08 Jun 2021 04:28
Operator : SY/MD
Sample : VU0607WBL01
Misc : 5.0mL/MSVOA_U/WATER
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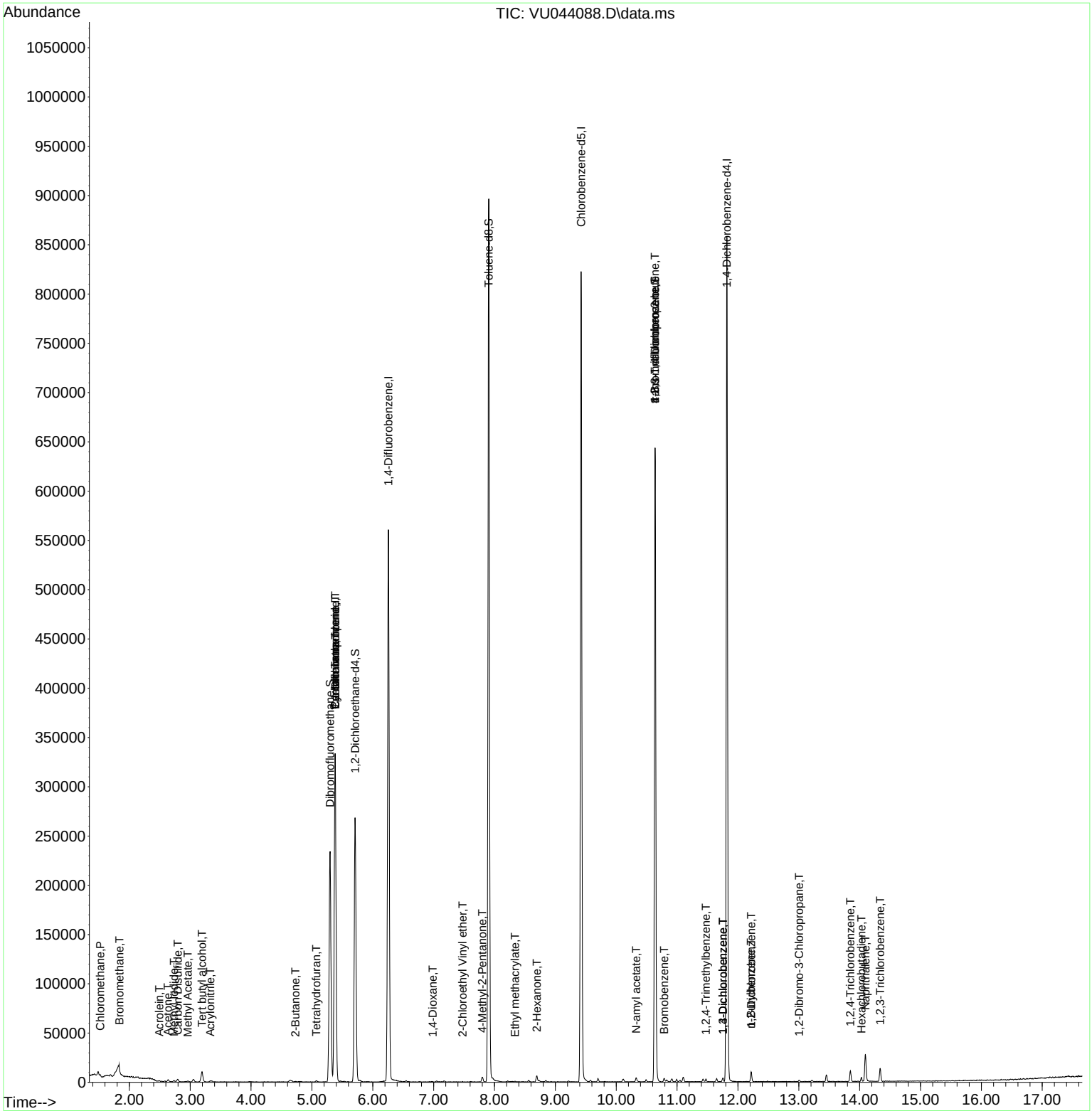
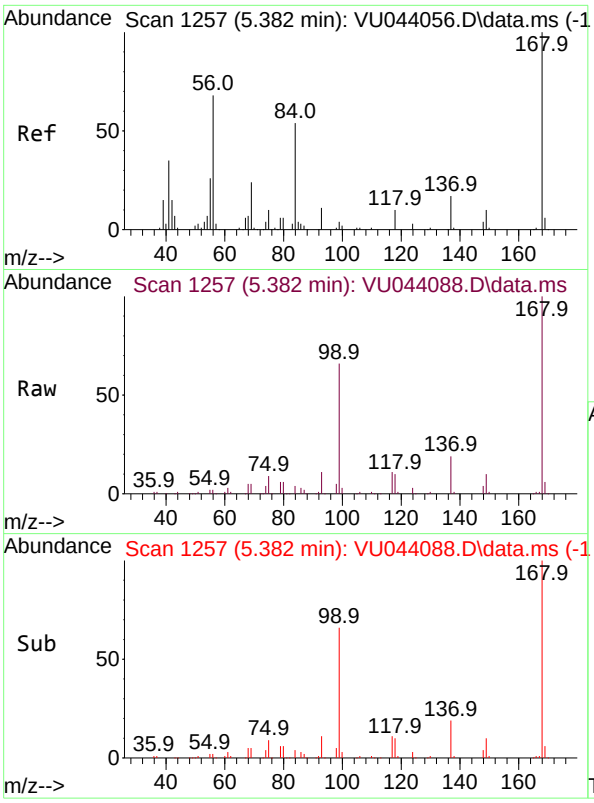
Quant Time: Jun 08 07:14:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 05:21:34 2021
Response via : Initial Calibration

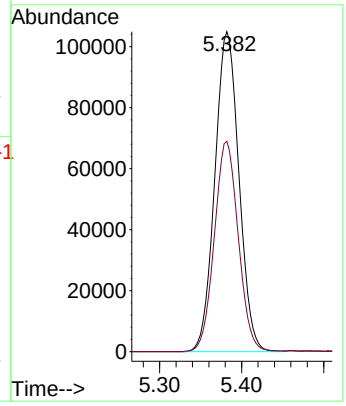




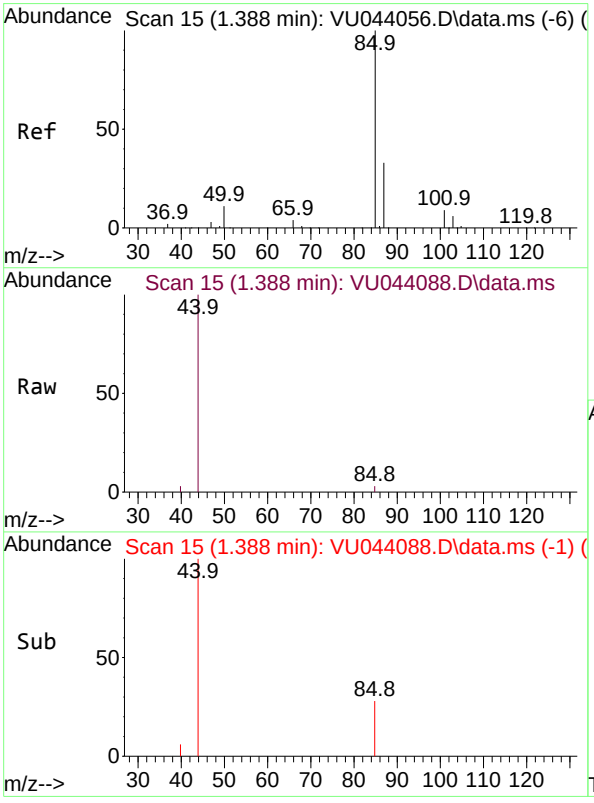
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:168 Resp: 214522

Ion	Ratio	Lower	Upper
168	100		
99	65.8	52.6	78.8



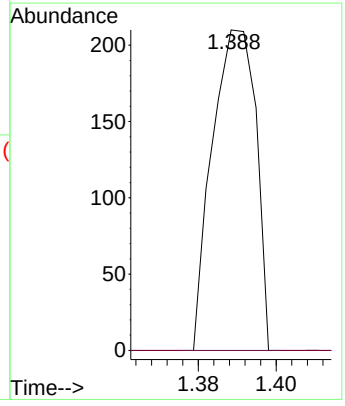
Instrument :
MSVOA_U
ClientSampleId :

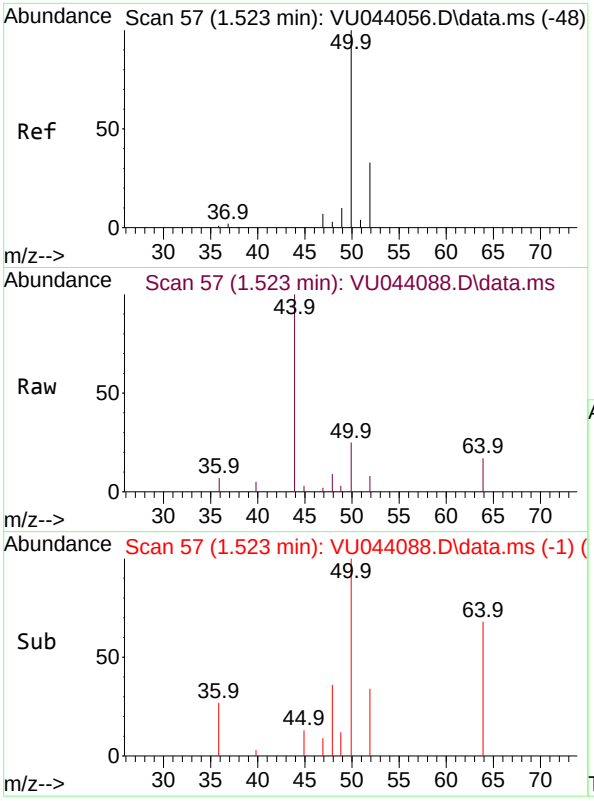


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 85 Resp: 164

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.4#

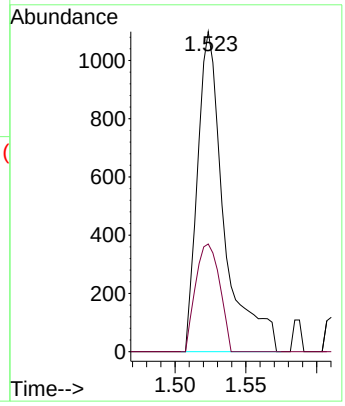




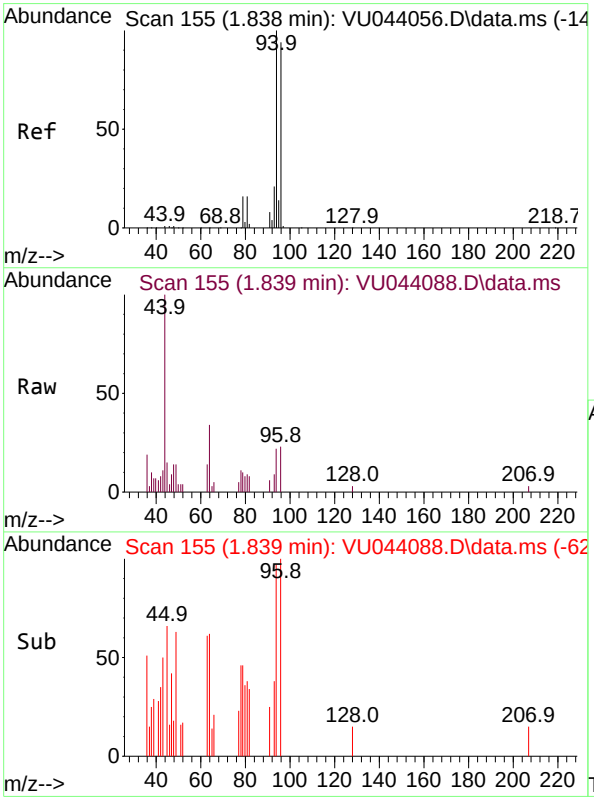
#3
Chloromethane
Concen: 0.325 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 50 Resp: 1440

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.2	39.2



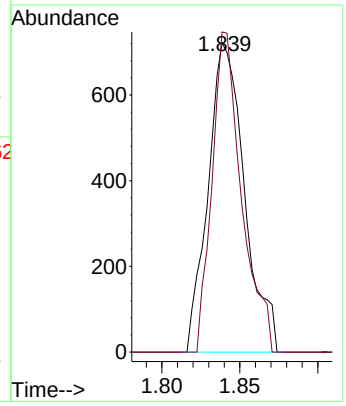
Instrument :
MSVOA_U
ClientSampleId :

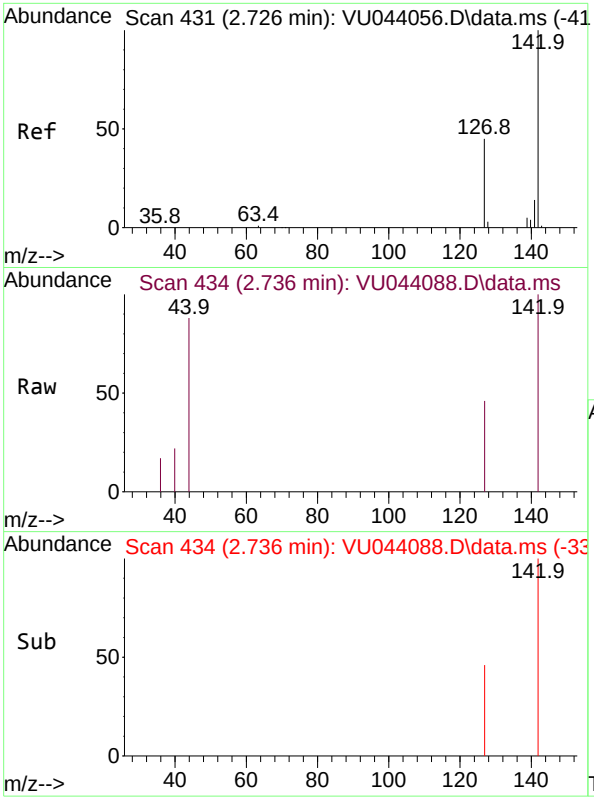


#5
Bromomethane
Concen: 0.713 ug/l
RT: 1.839 min Scan# 155
Delta R.T. 0.001 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 94 Resp: 1174

Ion	Ratio	Lower	Upper
94	100		
96	103.5	74.8	112.2

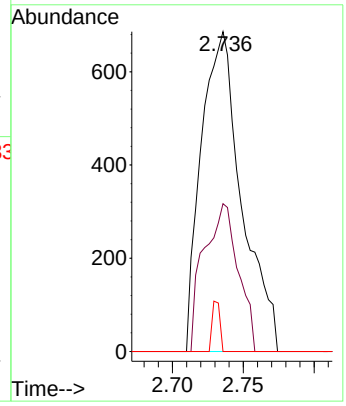




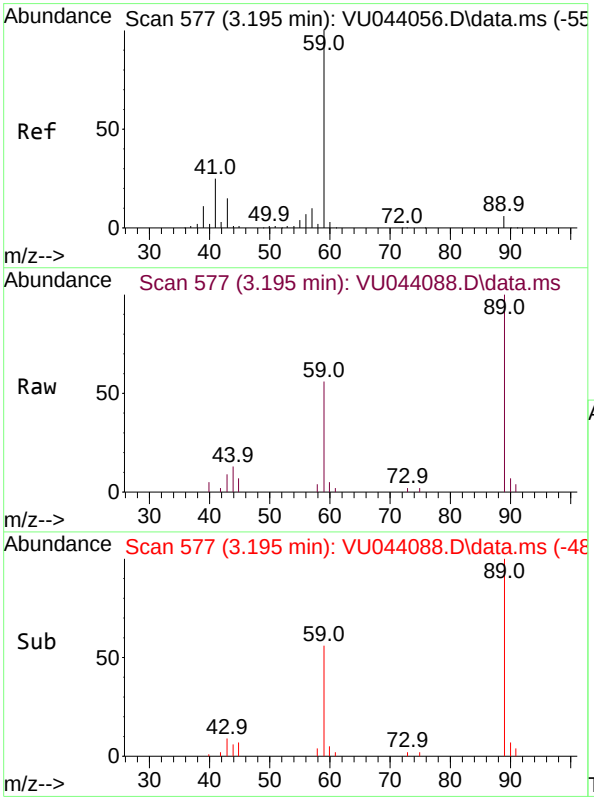
#10
Methyl Iodide
Concen: 0.422 ug/l
RT: 2.736 min Scan# 434
Delta R.T. 0.010 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:142 Resp: 1359

Ion	Ratio	Lower	Upper
142	100		
127	39.3	37.0	55.4
141	3.0	11.5	17.3#



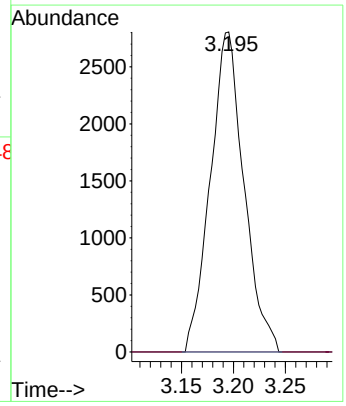
Instrument :
MSVOA_U
ClientSampleId :

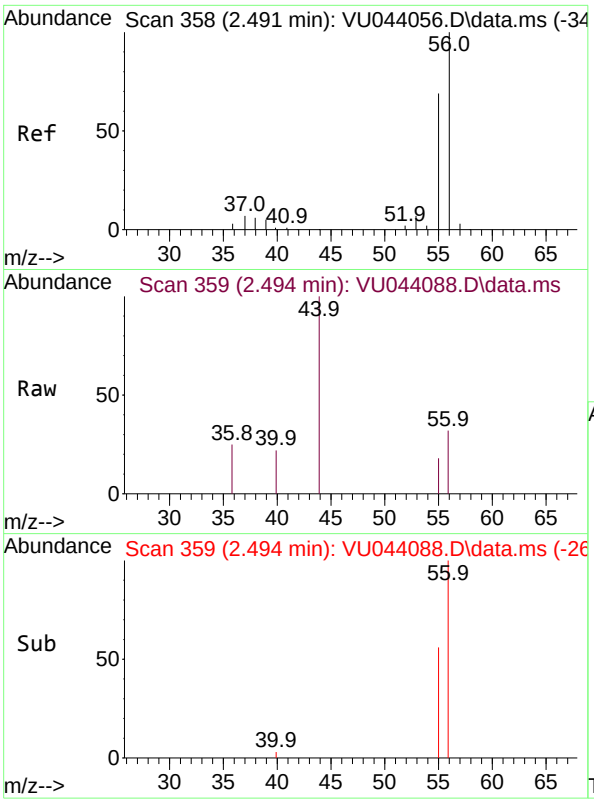


#11
Tert butyl alcohol
Concen: 6.809 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 59 Resp: 6307

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

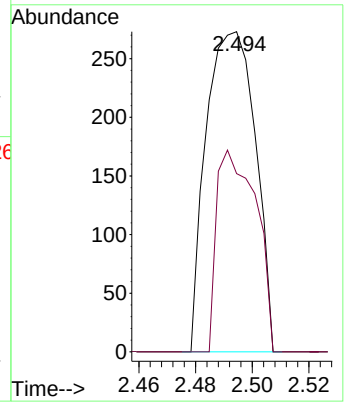




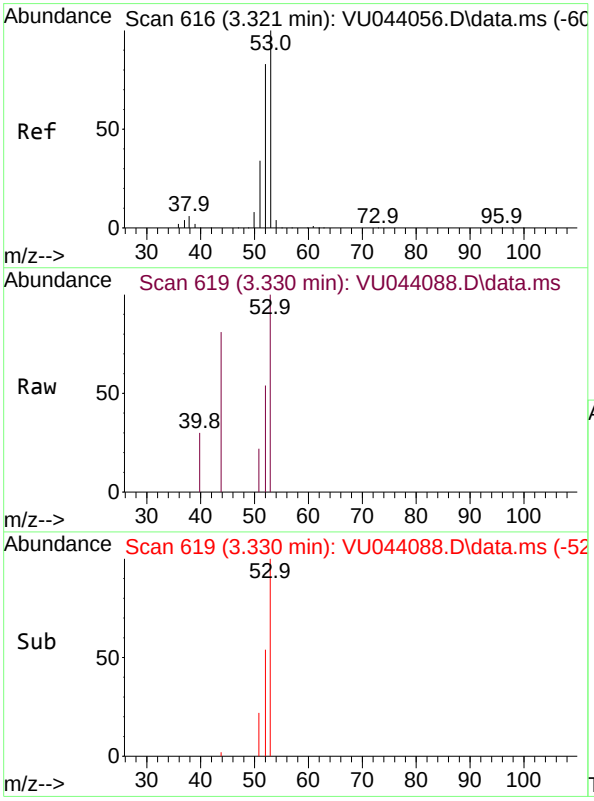
#13
Acrolein
Concen: 0.452 ug/l
RT: 2.494 min Scan# 359
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 56 Resp: 329

Ion	Ratio	Lower	Upper
56	100		
55	50.5	56.1	84.1#



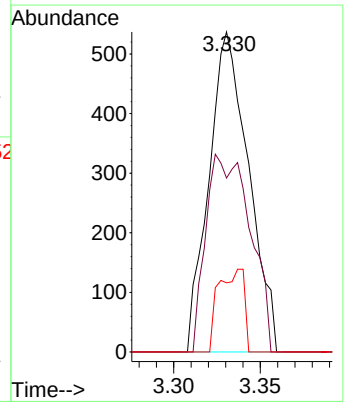
Instrument :
MSVOA_U
ClientSampleId :

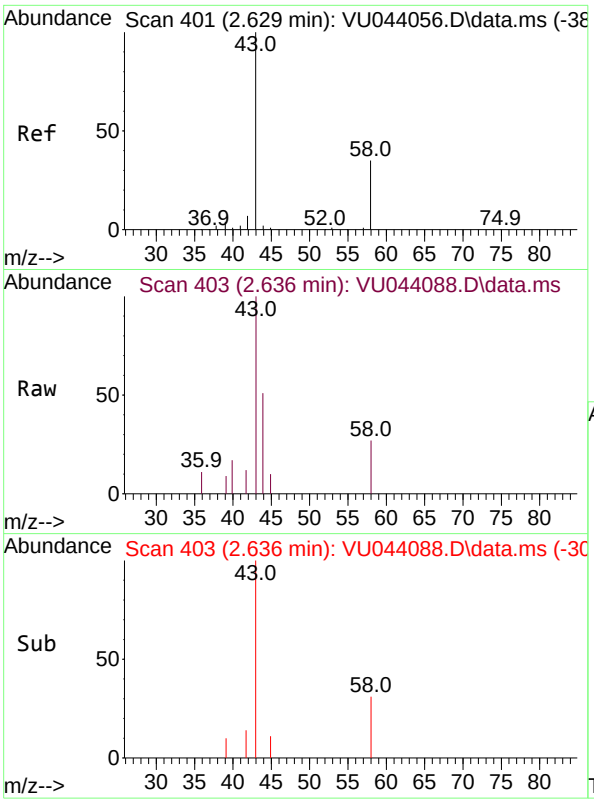


#15
Acrylonitrile
Concen: 0.417 ug/l
RT: 3.330 min Scan# 619
Delta R.T. 0.010 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 53 Resp: 857

Ion	Ratio	Lower	Upper
53	100		
52	33.8	65.7	98.5#
51	16.7	27.8	41.8#

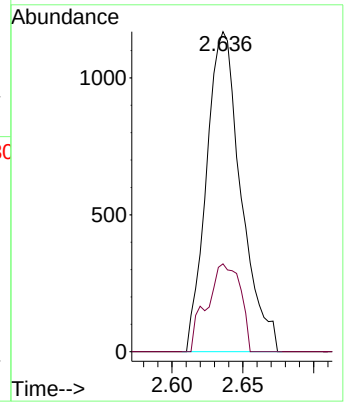




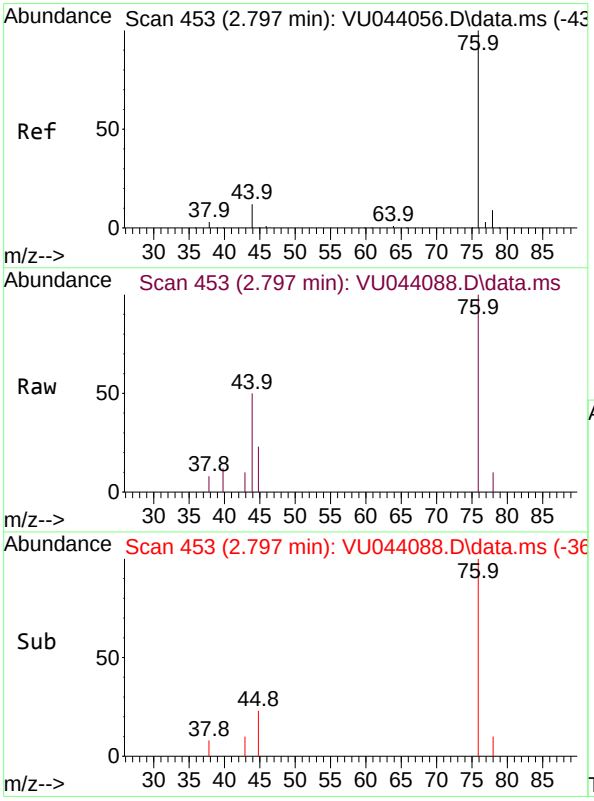
#16
Acetone
Concen: 0.920 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 43 Resp: 1983

Ion	Ratio	Lower	Upper
43	100		
58	27.5	27.7	41.5#



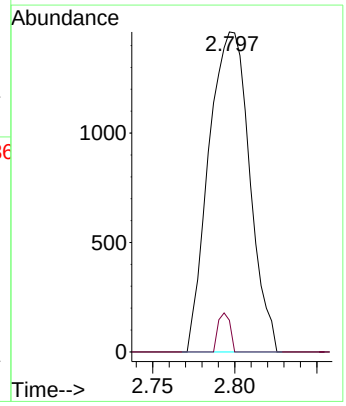
Instrument :
MSVOA_U
ClientSampleId :



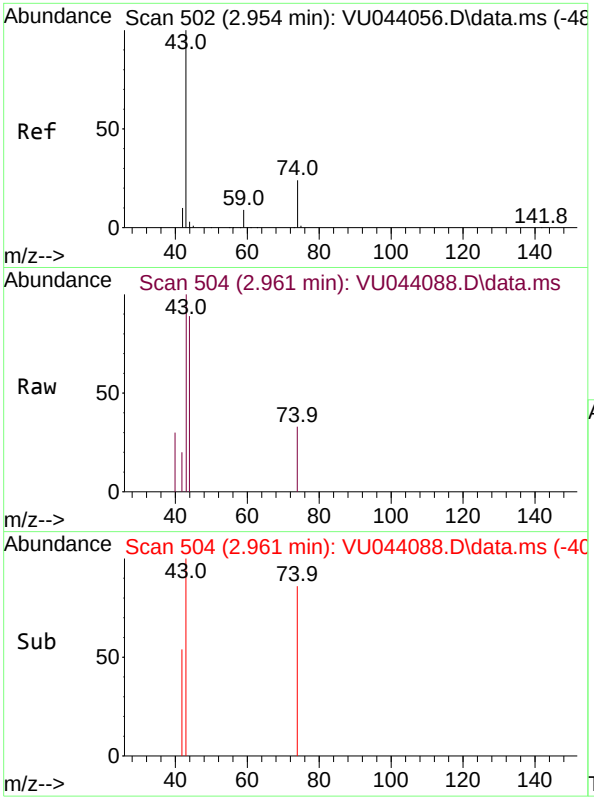
#17
Carbon Disulfide
Concen: 0.287 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 76 Resp: 2527

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.2	10.8



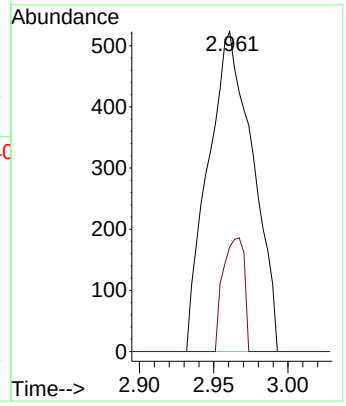
Instrument :
MSVOA_U
ClientSampleId :

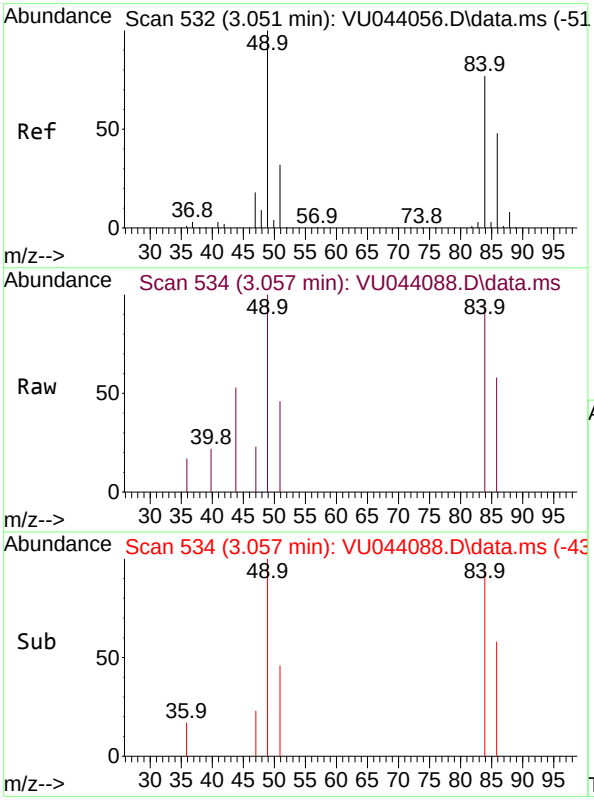


#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 43 Resp: 1093

Ion	Ratio	Lower	Upper
43	100		
74	16.9	18.7	28.1#

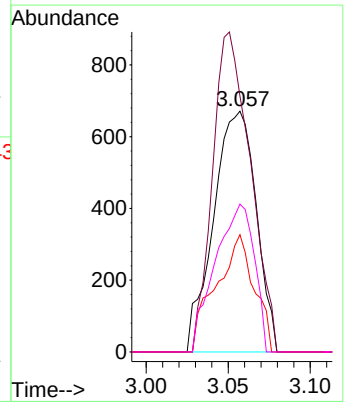


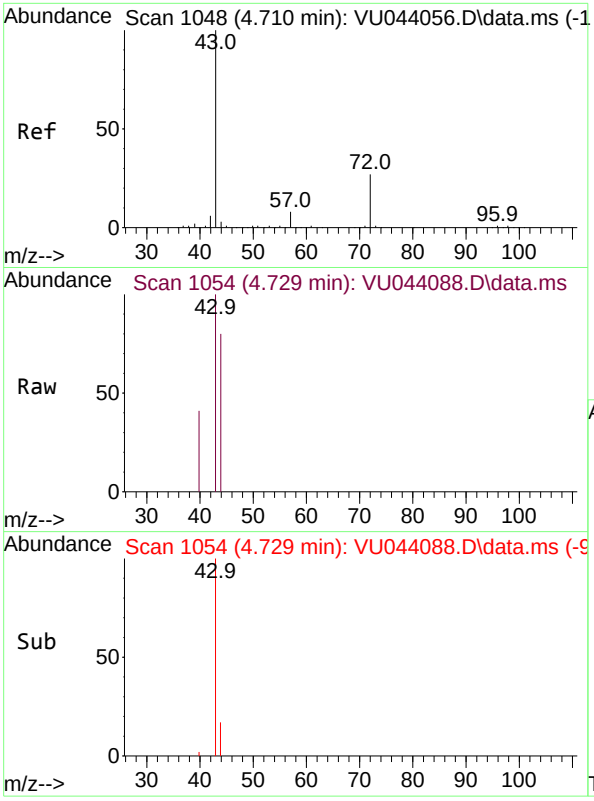


#20
Methylene Chloride
Concen: Below Cal
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 84 Resp: 1216

Ion	Ratio	Lower	Upper
84	100		
49	106.3	103.6	155.4
51	48.7	32.8	49.2
86	61.4	49.9	74.9

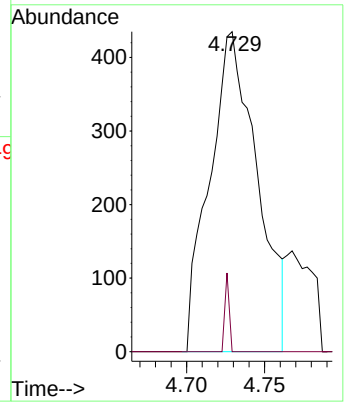




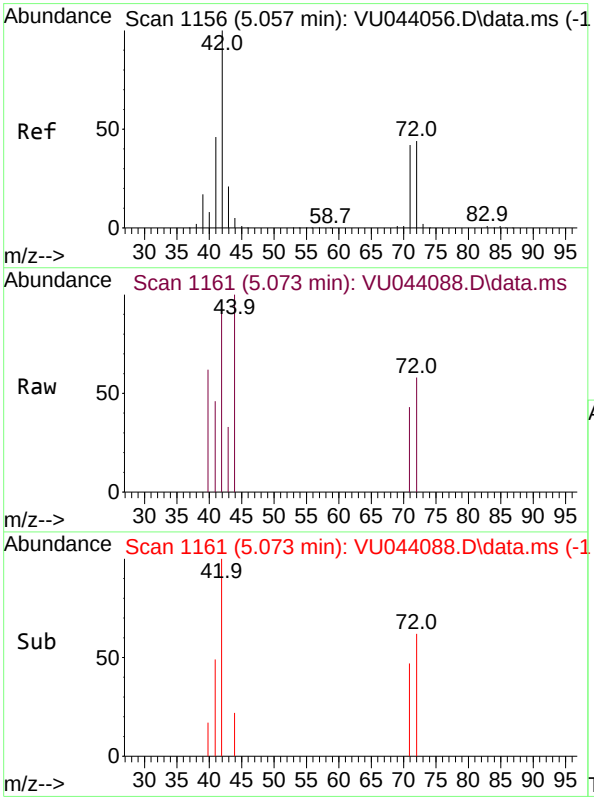
#25
2-Butanone
Concen: 0.301 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.019 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 43 Resp: 925

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#



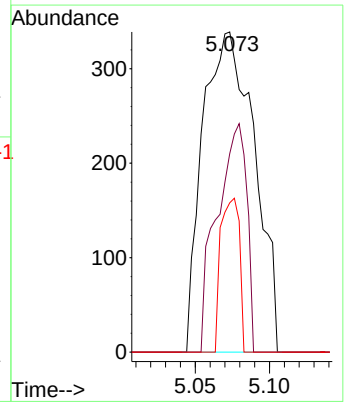
Instrument :
MSVOA_U
ClientSampleId :

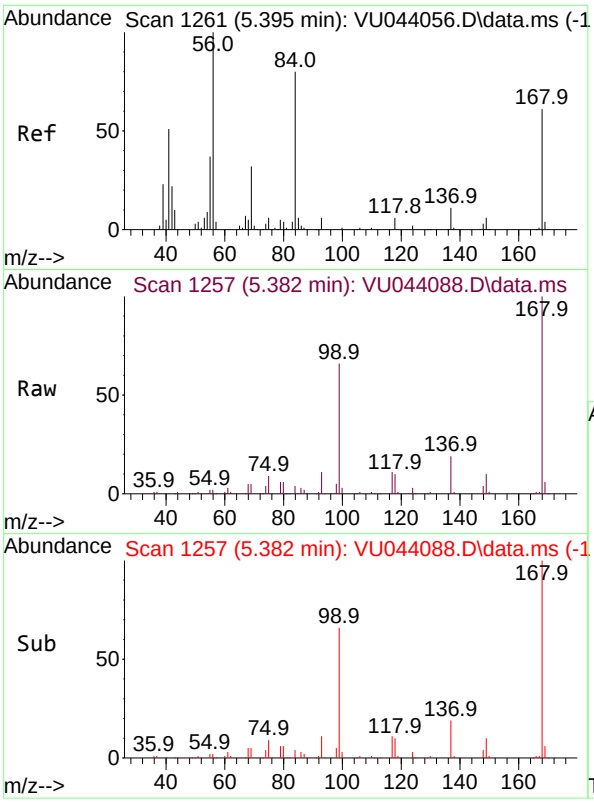


#29
Tetrahydrofuran
Concen: 0.479 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.016 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 42 Resp: 818

Ion	Ratio	Lower	Upper
42	100		
72	41.2	35.6	53.4
71	17.5	33.3	49.9#

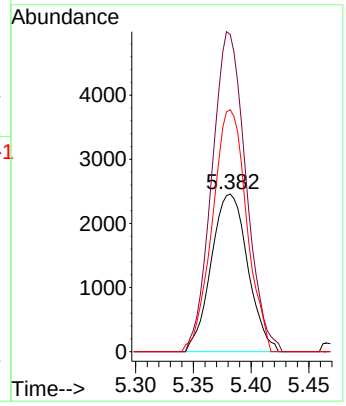




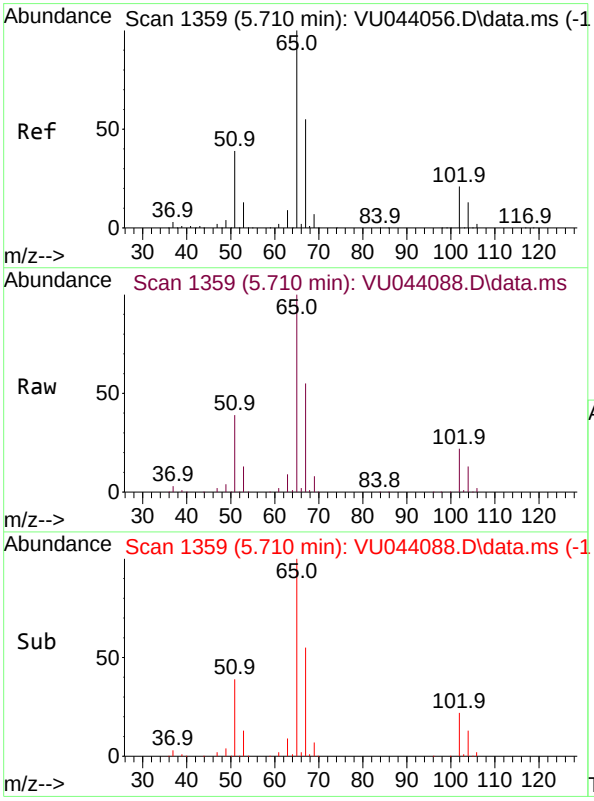
#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 56 Resp: 5404

Ion	Ratio	Lower	Upper
56	100		
69	201.3	25.4	38.2#
84	153.4	64.2	96.2#



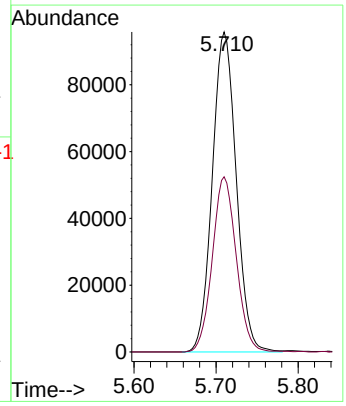
Instrument :
MSVOA_U
ClientSampleId :

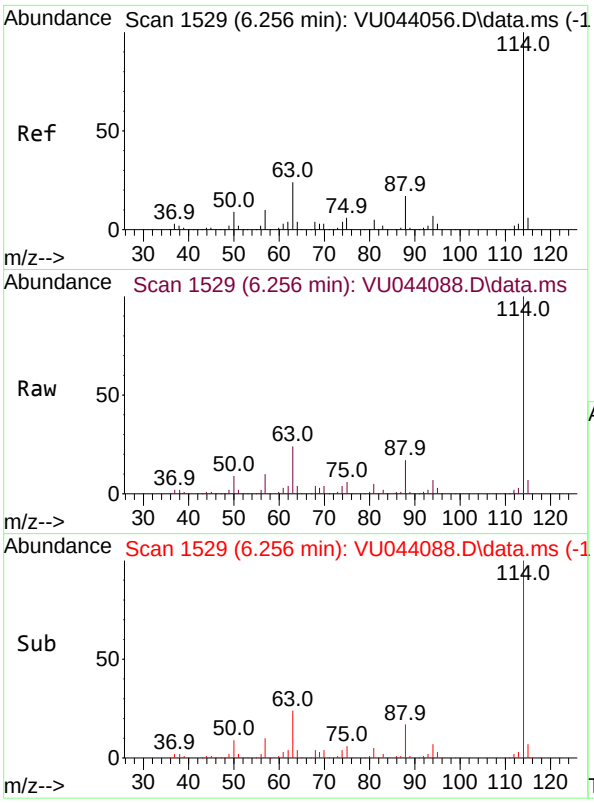


#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 65 Resp: 193915

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.2

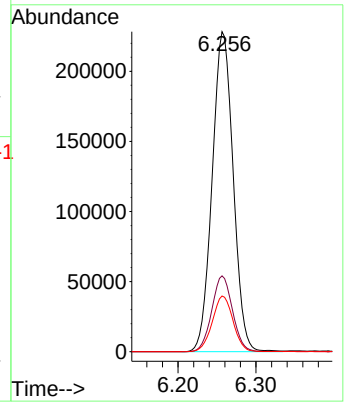




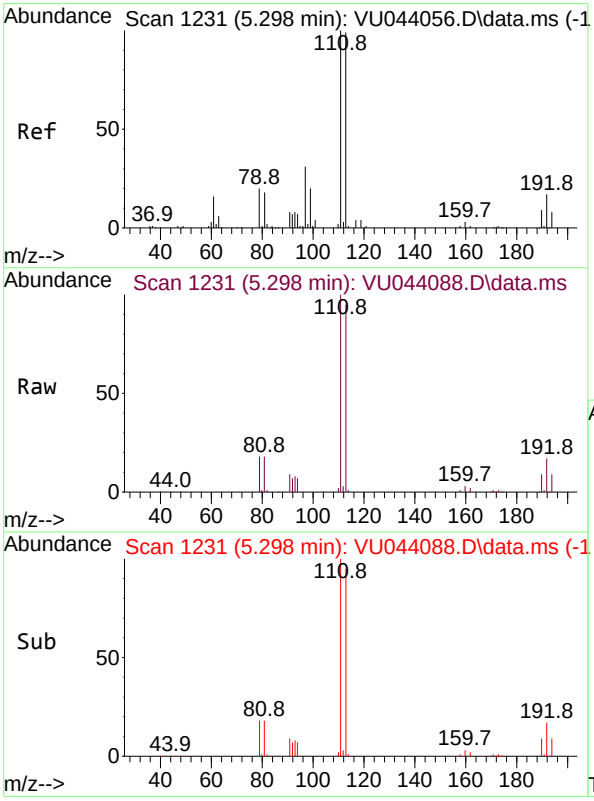
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:114 Resp: 427170

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	48.4
88	17.4	0.0	34.4



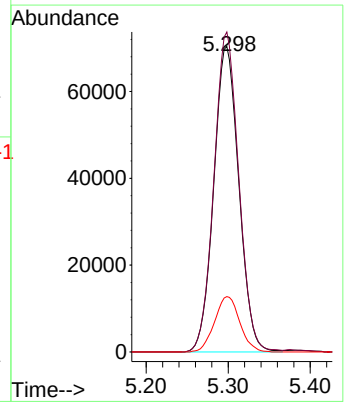
Instrument :
MSVOA_U
ClientSampleId :

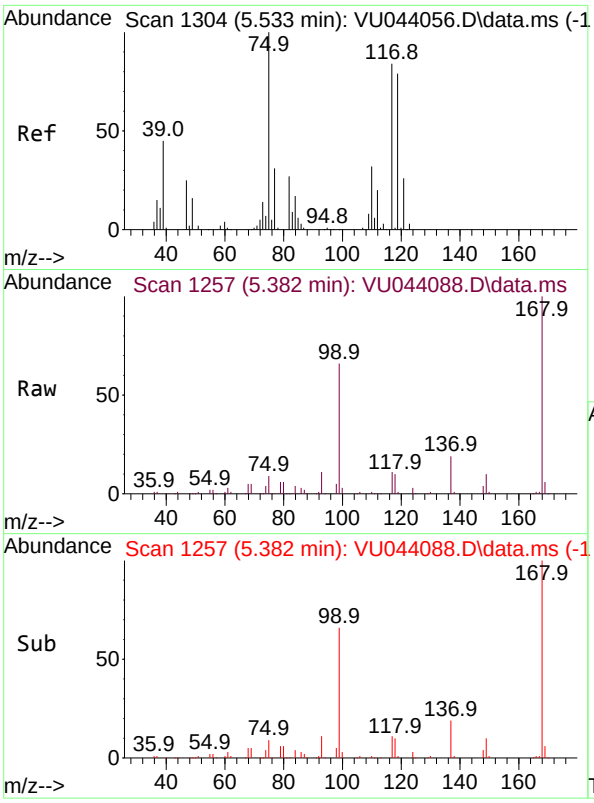


#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:113 Resp: 149843

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.1	123.1
192	18.2	13.8	20.8

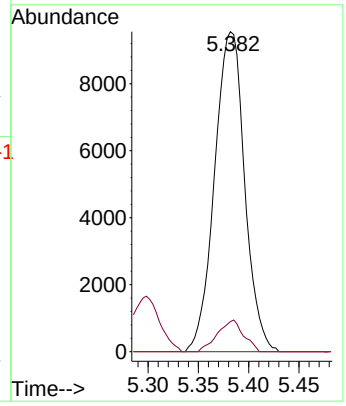




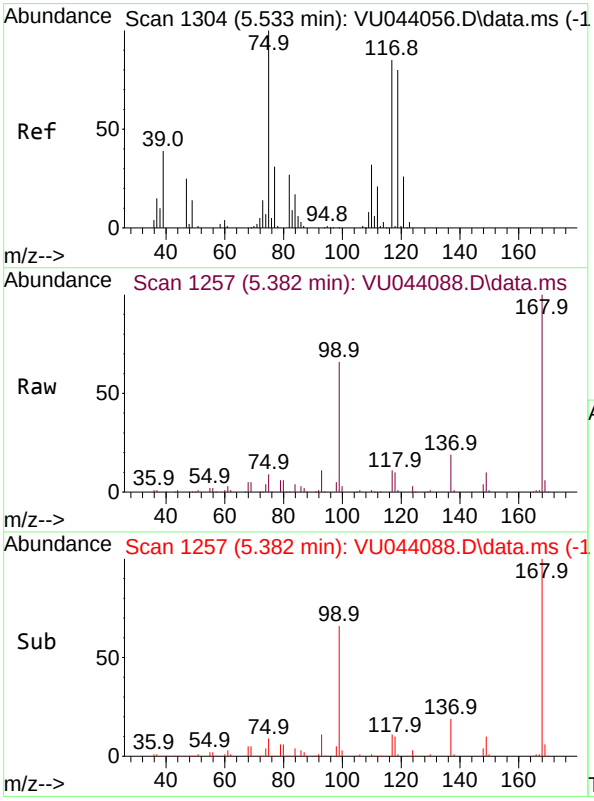
#36
1,1-Dichloropropene
Concen: 4.134 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 75 Resp: 19893

Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.7#
77	0.0	25.0	37.4#



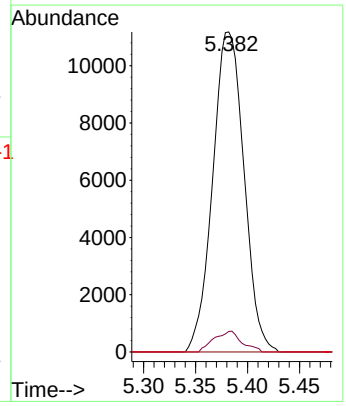
Instrument :
MSVOA_U
ClientSampleId :

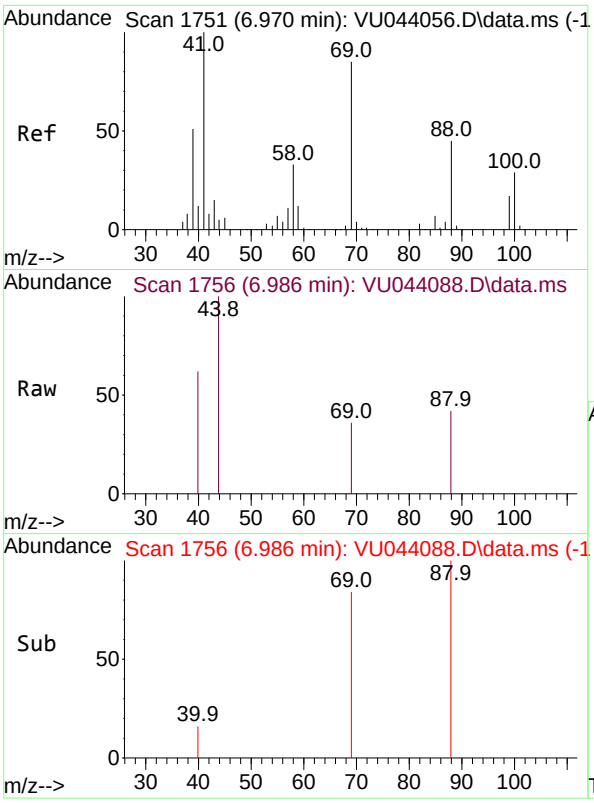


#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:117 Resp: 23391

Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.4	113.2#
121	0.0	24.5	36.7#

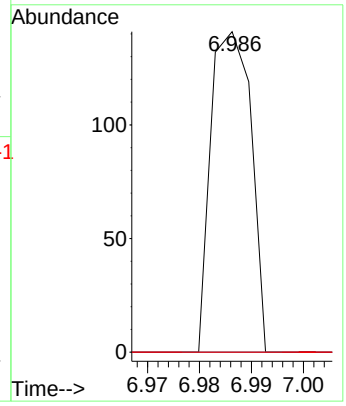




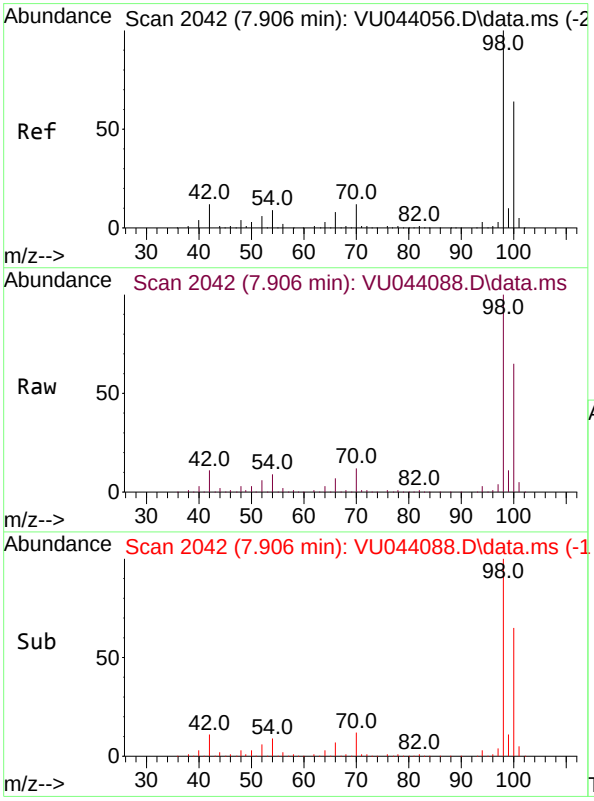
#49
1,4-Dioxane
Concen: 0.731 ug/l
RT: 6.986 min Scan# 1756
Delta R.T. 0.016 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.0	37.4#
58	0.0	60.0	90.0#



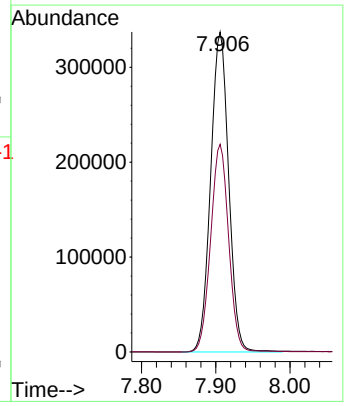
Instrument :
MSVOA_U
ClientSampleId :



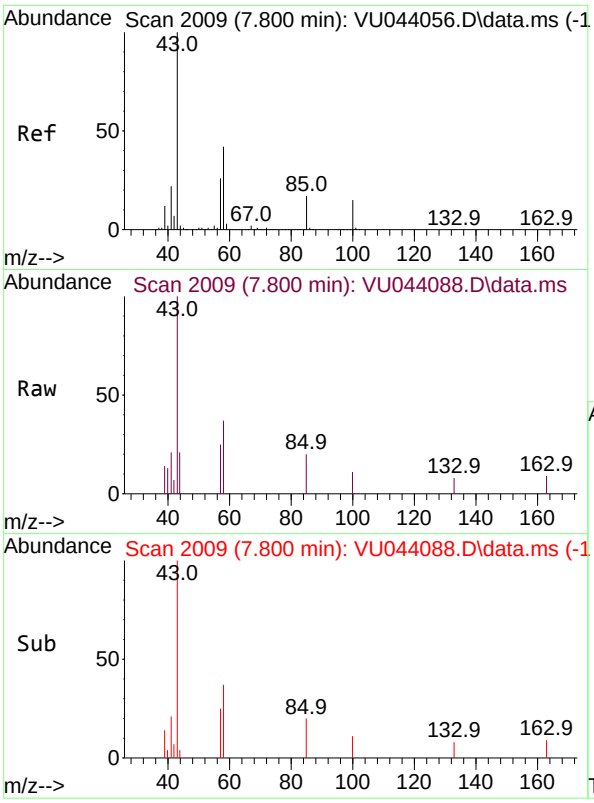
#50
Toluene-d8
Concen: 48.278 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 98 Resp: 567663

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4



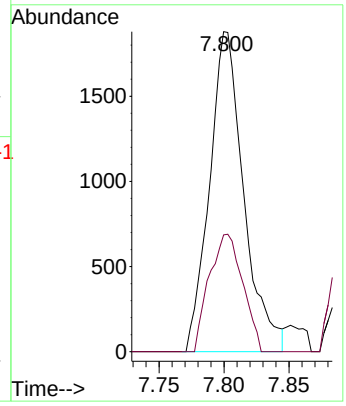
Instrument :
MSVOA_U
ClientSampleId :

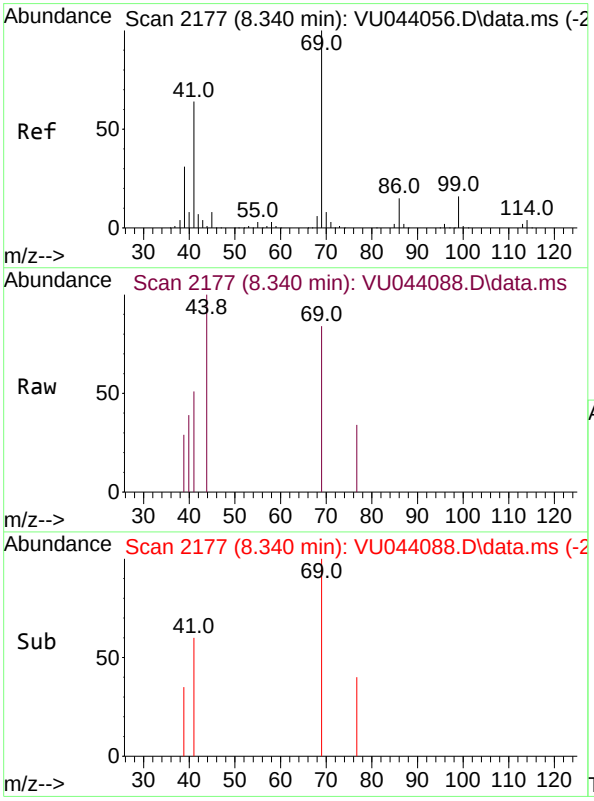


#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 43 Resp: 3439

Ion	Ratio	Lower	Upper
43	100		
58	35.9	33.3	49.9

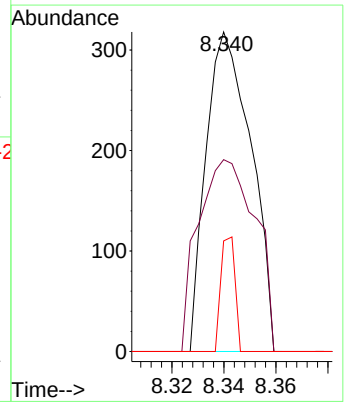


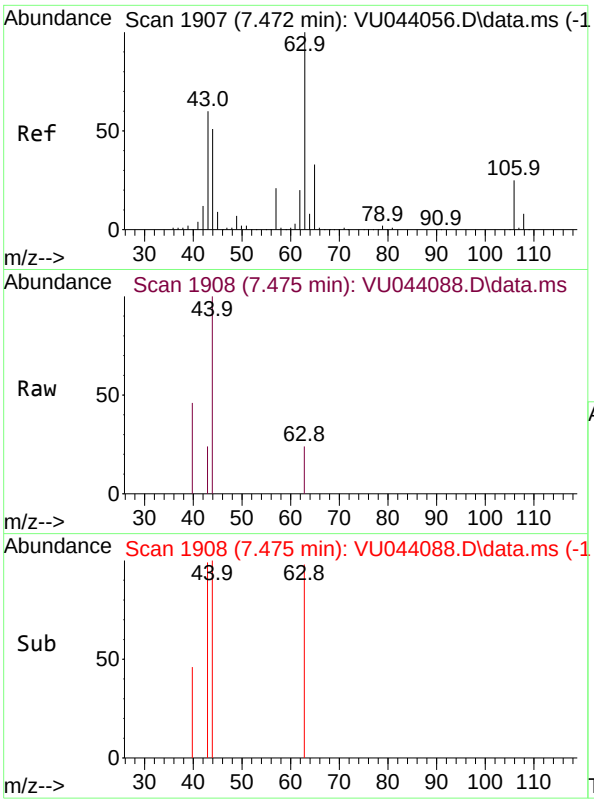


#56
Ethyl methacrylate
Concen: 3.441 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. -0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 69 Resp: 383

Ion	Ratio	Lower	Upper
69	100		
41	76.0	51.4	77.0
39	11.2	24.9	37.3#

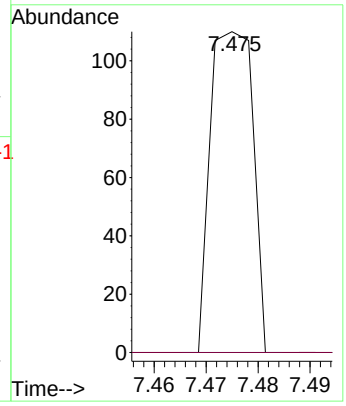




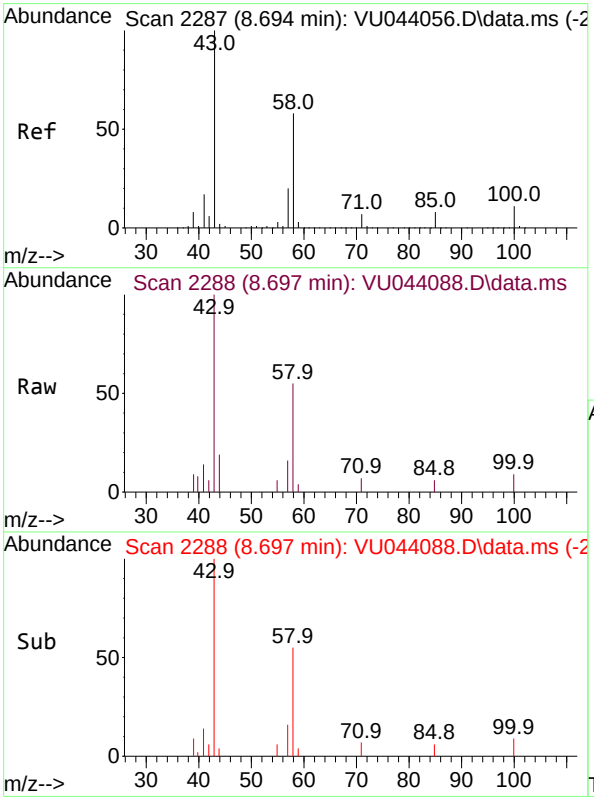
#58
2-Chloroethyl Vinyl ether
Concen: 19.334 ug/l
RT: 7.475 min Scan# 1908
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.7	29.5#



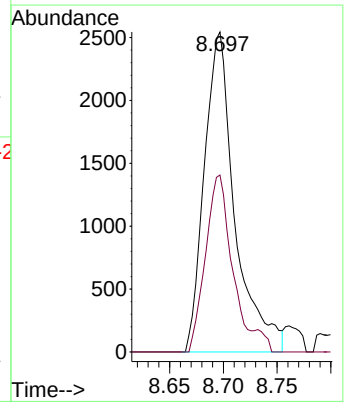
Instrument :
MSVOA_U
ClientSampleId :

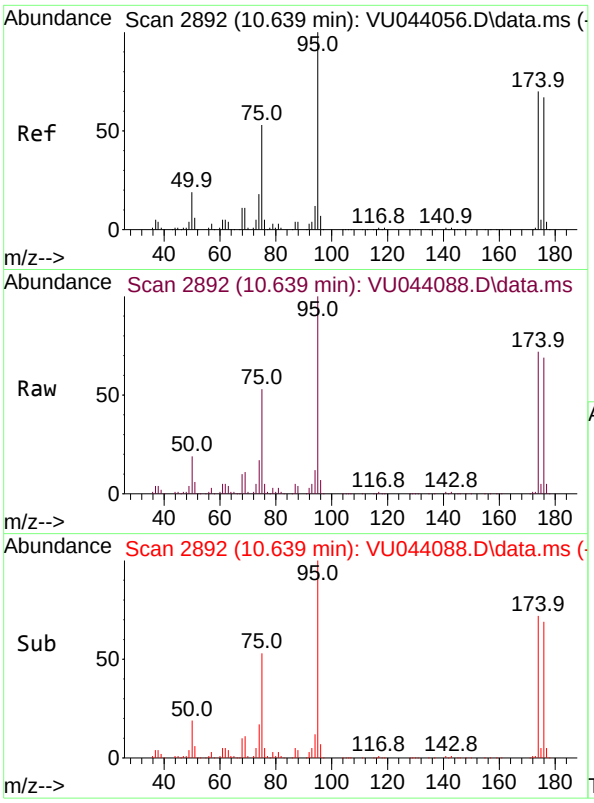


#59
2-Hexanone
Concen: 1.016 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 43 Resp: 5027

Ion	Ratio	Lower	Upper
43	100		
58	49.9	29.0	87.1

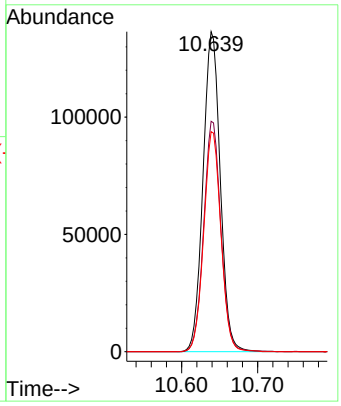




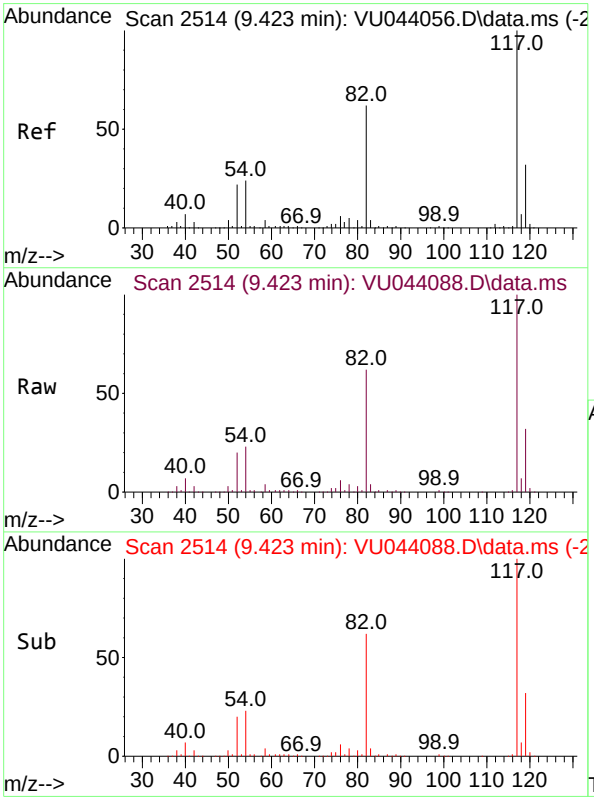
#62
4-Bromofluorobenzene
Concen: 46.157 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 95 Resp: 214876

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	141.0
176	68.5	0.0	135.2



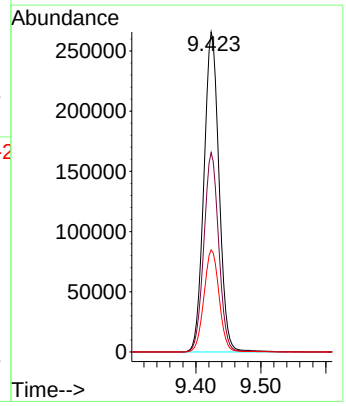
Instrument :
MSVOA_U
ClientSampleId :



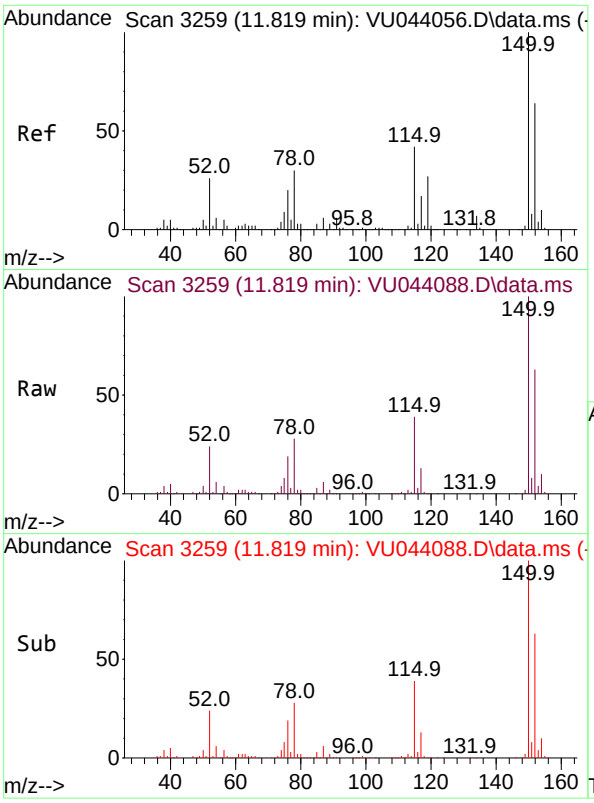
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:117 Resp: 431099

Ion	Ratio	Lower	Upper
117	100		
82	62.3	50.0	75.0
119	31.9	25.9	38.9



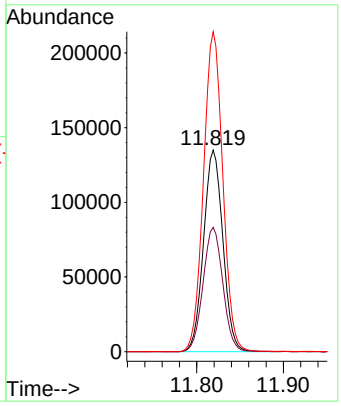
Instrument :
MSVOA_U
ClientSampleId :

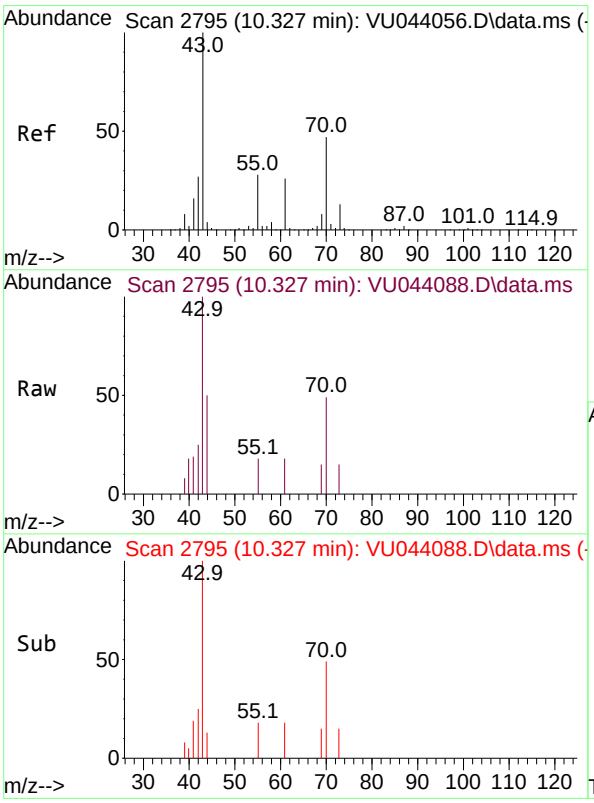


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:152 Resp: 209245

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.6	134.0
150	158.5	0.0	347.8

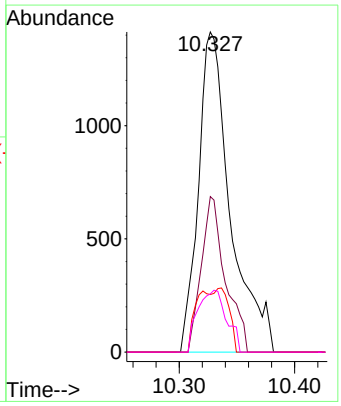




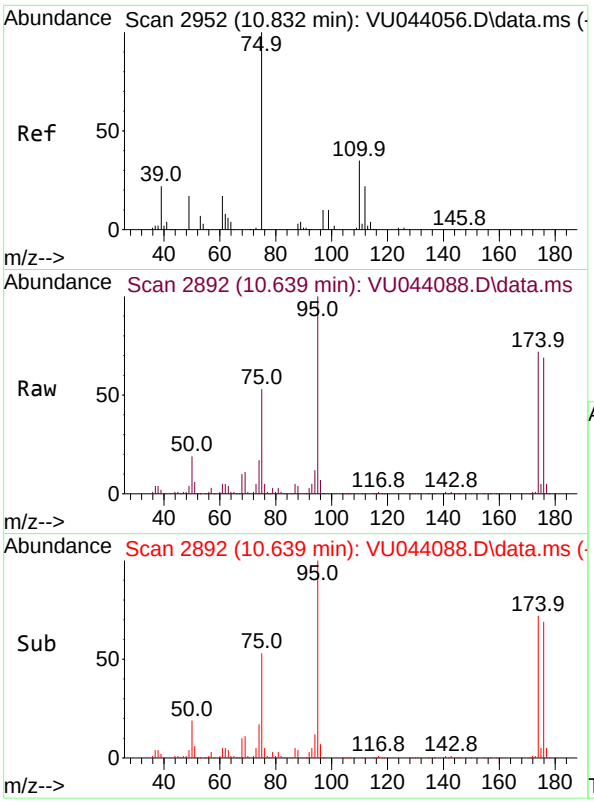
#74
N-amyl acetate
Concen: 0.422 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 43 Resp: 2718

Ion	Ratio	Lower	Upper
43	100		
70	36.8	37.3	55.9#
55	9.8	23.0	34.4#
61	17.5	20.6	30.8#



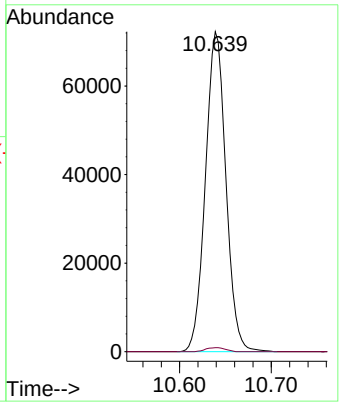
Instrument :
MSVOA_U
ClientSampleId :

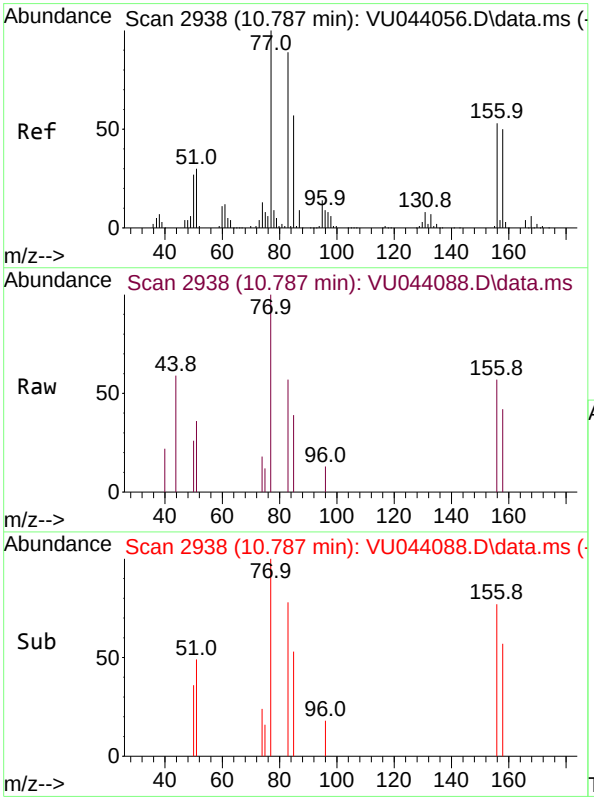


#76
1,2,3-Trichloropropane
Concen: 19.115 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 75 Resp: 111888

Ion	Ratio	Lower	Upper
75	100		
77	1.2	16.9	50.6#

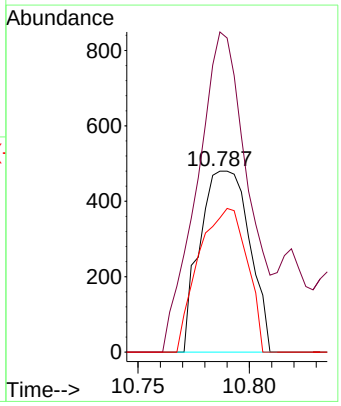




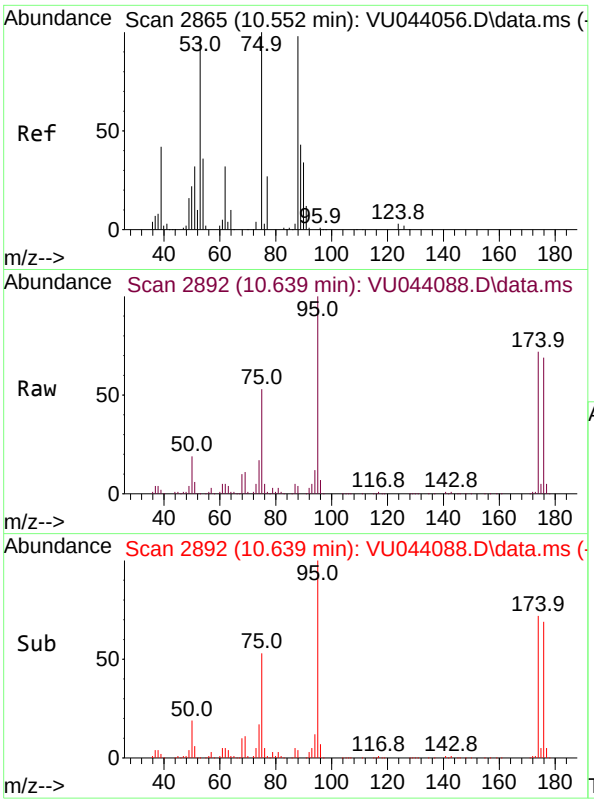
#77
Bromobenzene
Concen: 0.219 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:156 Resp: 743

Ion	Ratio	Lower	Upper
156	100		
77	180.5	95.3	286.1
158	77.5	47.6	142.9



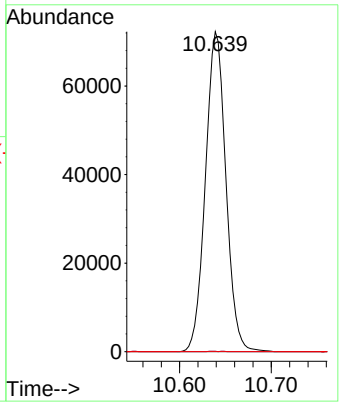
Instrument :
MSVOA_U
ClientSampleId :

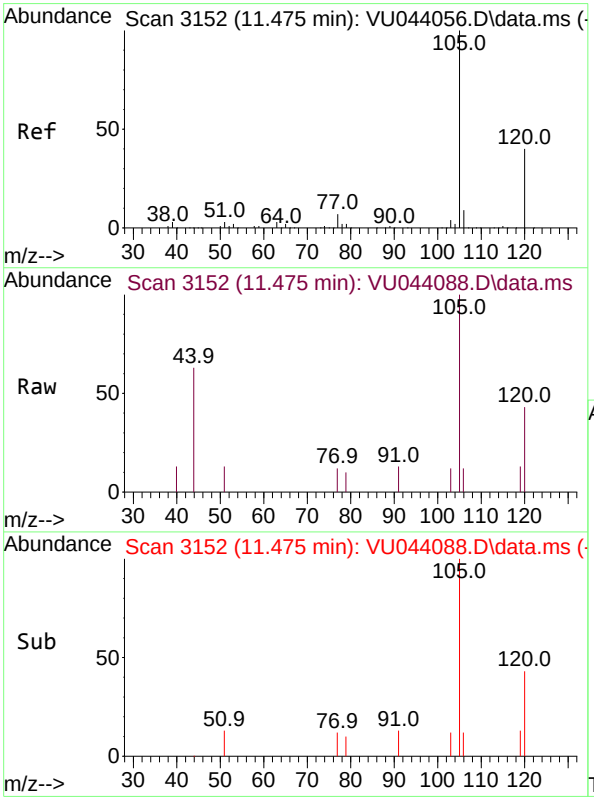


#81
trans-1,4-Dichloro-2-butene
Concen: 55.815 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 75 Resp: 111888

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.9	115.3#
89	0.0	33.8	50.8#

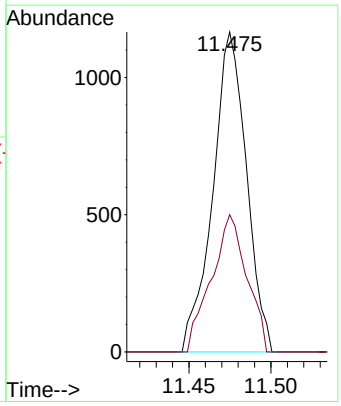


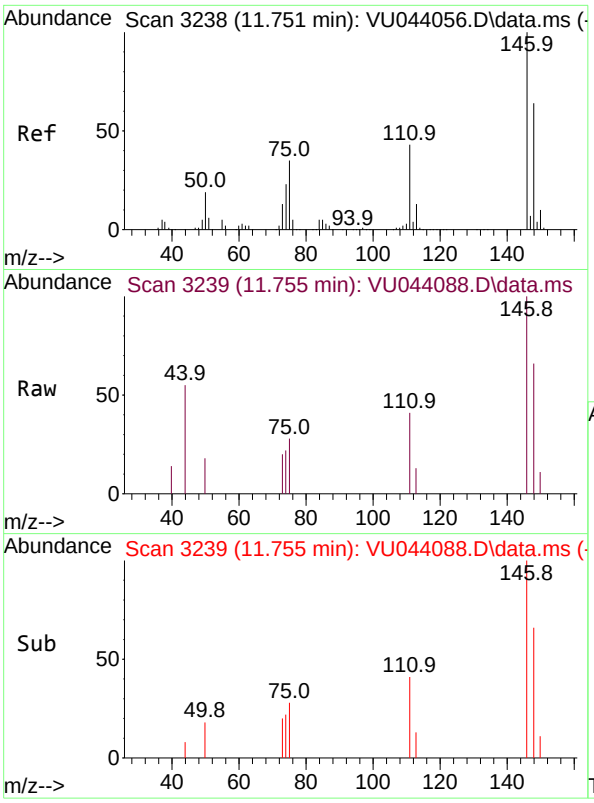


#84
1,2,4-Trimethylbenzene
Concen: 1.069 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:105 Resp: 1660

Ion	Ratio	Lower	Upper
105	100		
120	45.4	21.9	65.7

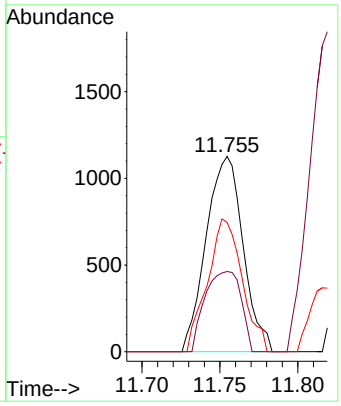




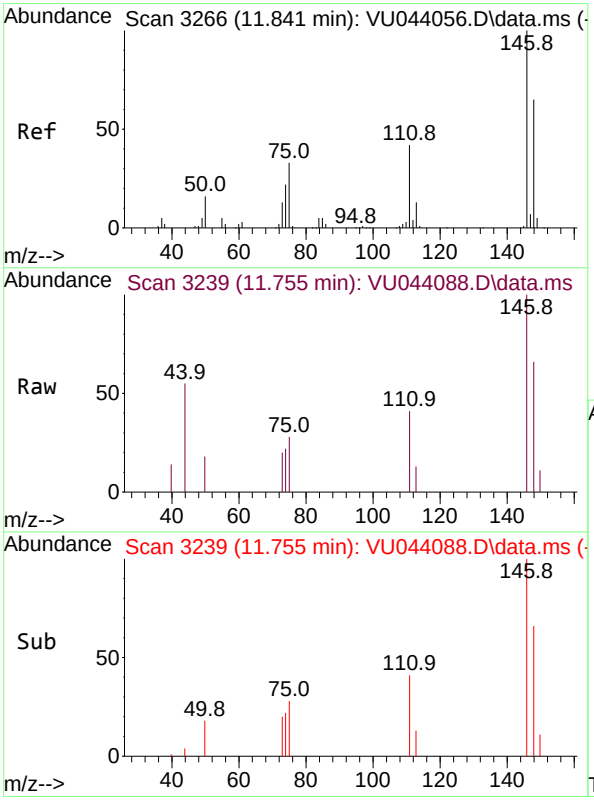
#87
1,3-Dichlorobenzene
Concen: 0.275 ug/l
RT: 11.755 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:146 Resp: 1858

Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.8	65.4
148	63.8	32.1	96.3



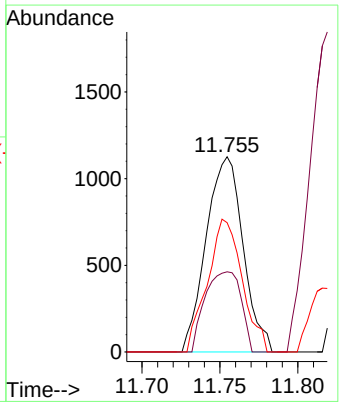
Instrument :
MSVOA_U
ClientSampleId :



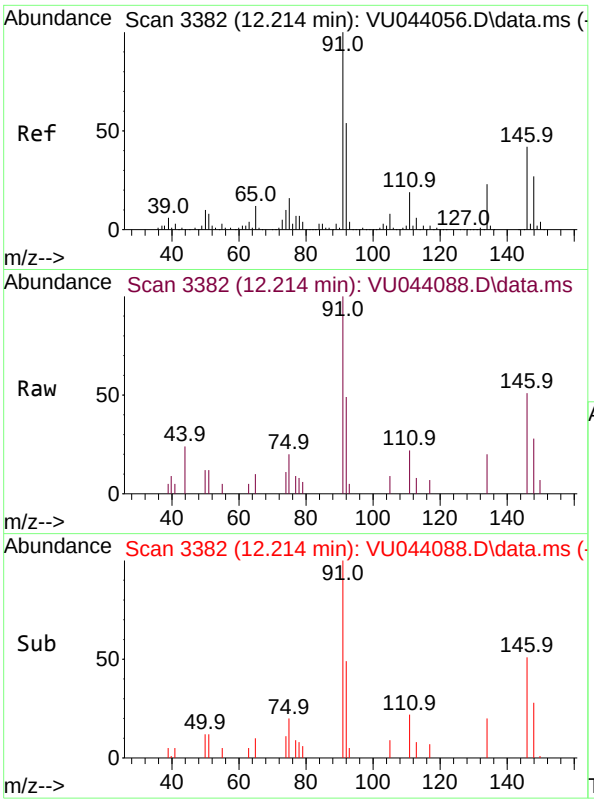
#88
1,4-Dichlorobenzene
Concen: 0.260 ug/l
RT: 11.755 min Scan# 3239
Delta R.T. -0.086 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:146 Resp: 1858

Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.4	64.3
148	63.8	32.4	97.2



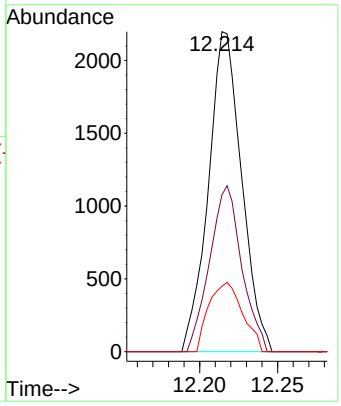
Instrument :
MSVOA_U
ClientSampleId :

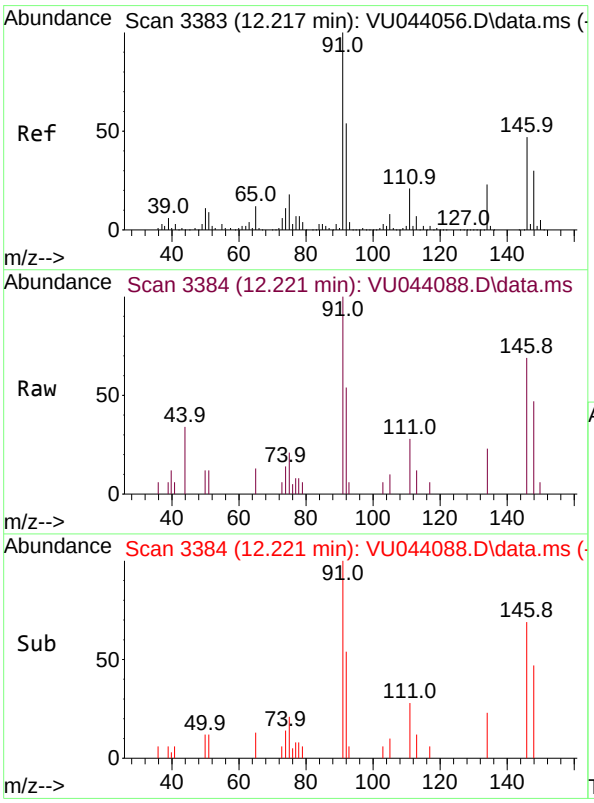


#89
n-Butylbenzene
Concen: 0.250 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 91 Resp: 3259

Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.8	80.4
134	22.0	11.4	34.2

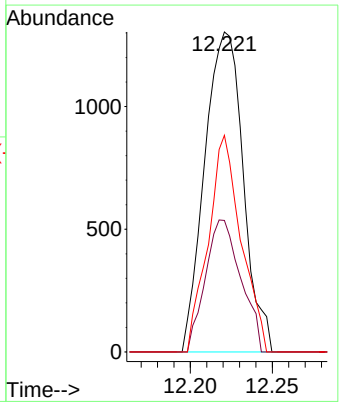


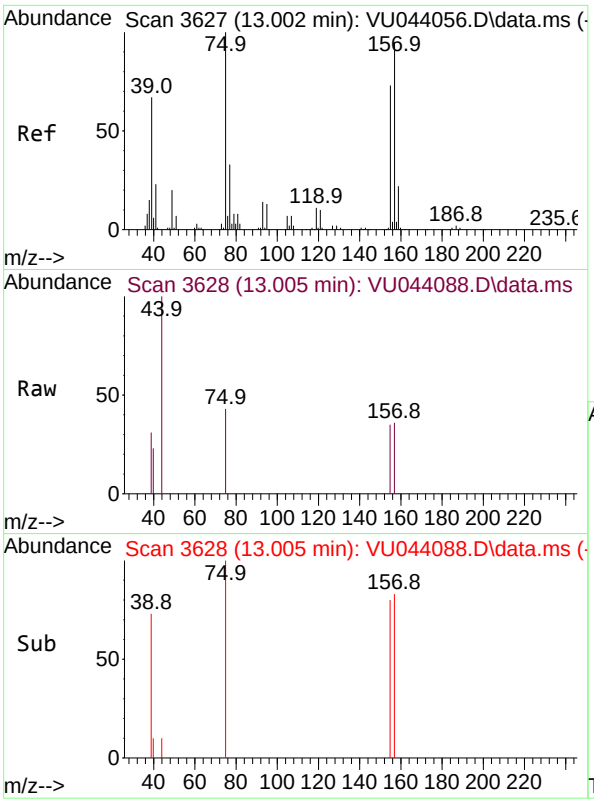


#91
1,2-Dichlorobenzene
Concen: 0.317 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:146 Resp: 2130

Ion	Ratio	Lower	Upper
146	100		
111	38.1	22.3	66.9
148	57.6	32.0	96.0

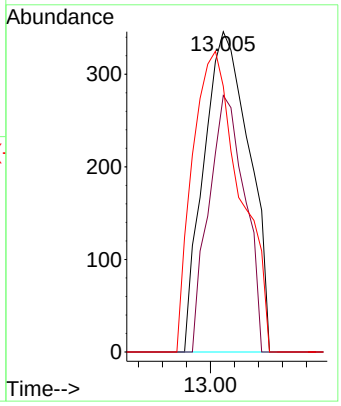




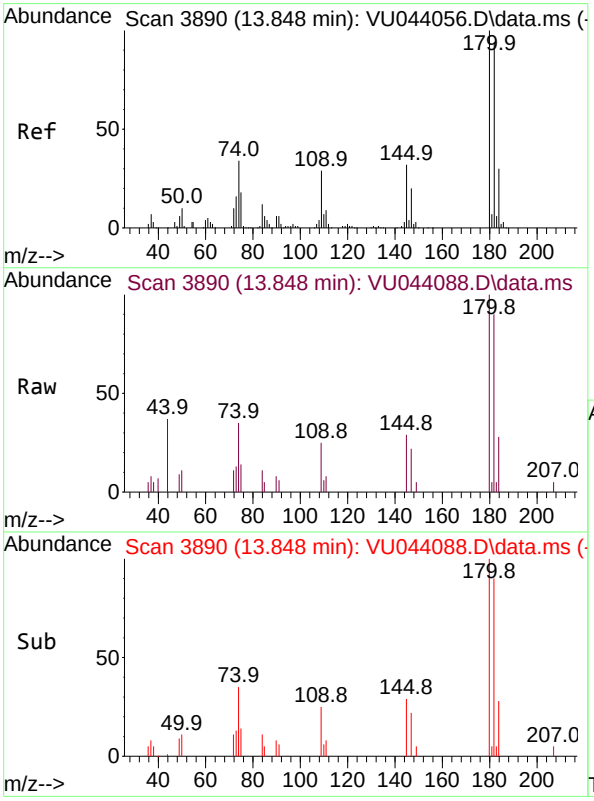
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.327 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion: 75 Resp: 458

Ion	Ratio	Lower	Upper
75	100		
155	63.3	36.0	108.1
157	97.8	46.6	139.7



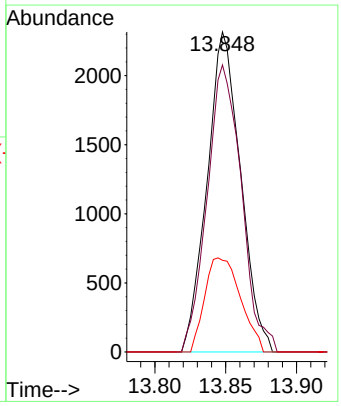
Instrument :
MSVOA_U
ClientSampleId :



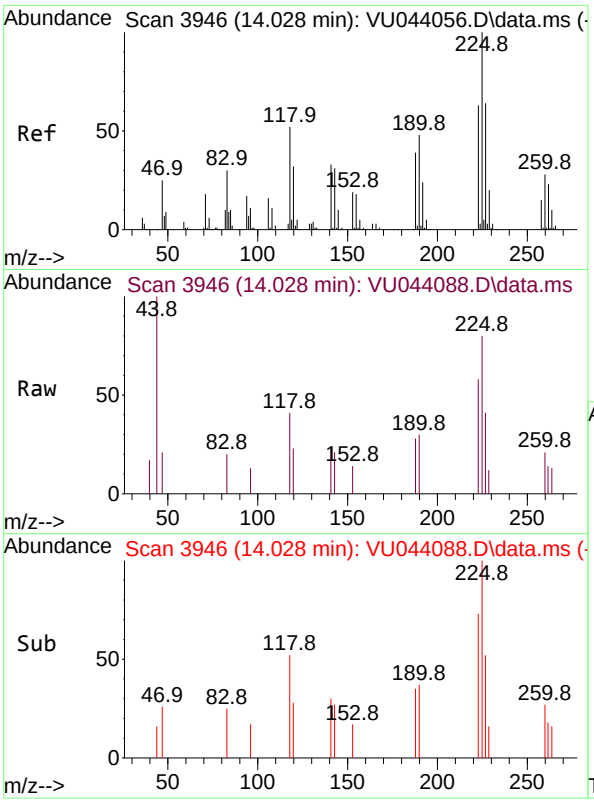
#93
1,2,4-Trichlorobenzene
Concen: 0.969 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:180 Resp: 3808

Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.1	141.3
145	31.4	16.0	47.9



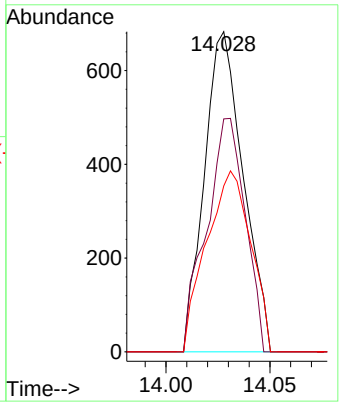
Instrument :
MSVOA_U
ClientSampleId :

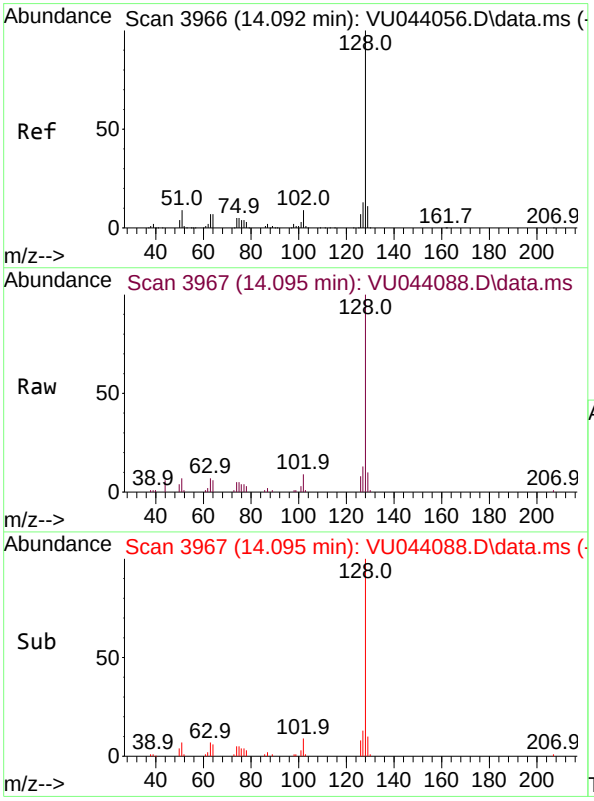


#94
Hexachlorobutadiene
Concen: 0.396 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:225 Resp: 887

Ion	Ratio	Lower	Upper
225	100		
223	72.7	31.6	94.8
227	64.7	31.8	95.4

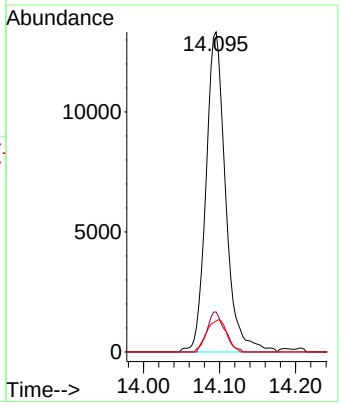


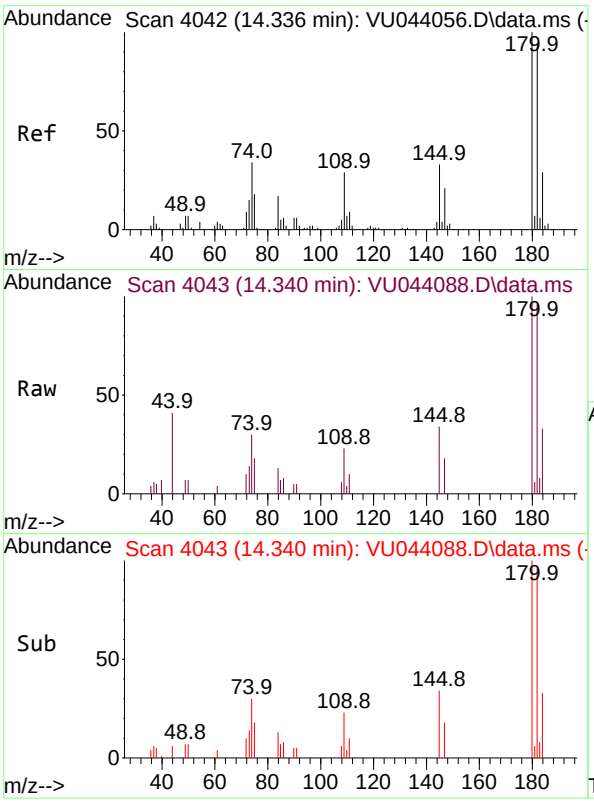


#95
Naphthalene
Concen: 4.424 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:128 Resp: 23879

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.4
129	10.3	8.7	13.1

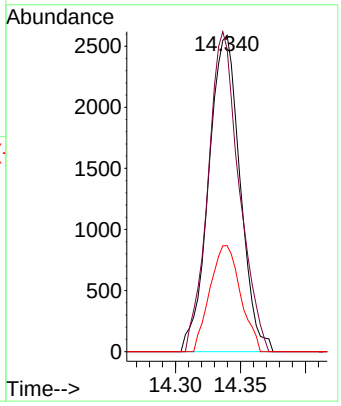




#96
1,2,3-Trichlorobenzene
Concen: 1.147 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU044088.D
Acq: 08 Jun 2021 04:28

Tgt Ion:180 Resp: 4346

Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.3	141.9
145	32.6	16.9	50.7



Instrument :
MSVOA_U
ClientSampleId :