Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY008008.D
Acq On : 22 Mar 2022 18:15
Operator : SY/MD
Sample : N2070-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Quant Time: Mar 23 05:09:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

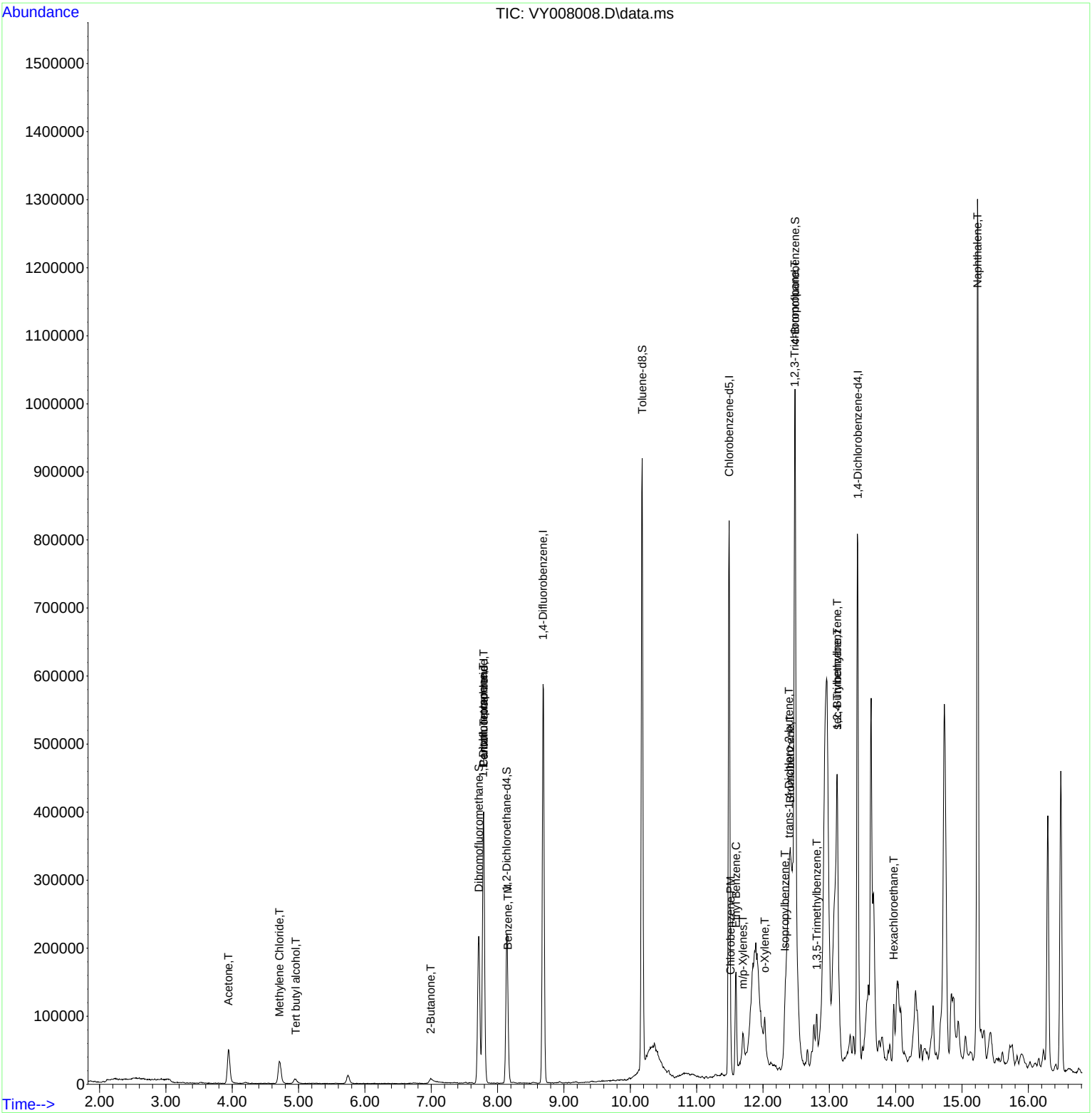
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	315001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	526118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	159018	44.275	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.540%			
35) Dibromofluoromethane	7.716	113	155714	42.143	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.280%			
50) Toluene-d8	10.179	98	608201	55.126	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.260%			
62) 4-Bromofluorobenzene	12.483	95	207846	39.195	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	131	Below Cal	#	43
3) Chloromethane	2.113	50	748	Below Cal	#	70
4) Vinyl Chloride	2.253	62	413	Below Cal	#	43
5) Bromomethane	2.656	94	292	Below Cal	#	13
11) Tert butyl alcohol	4.960	59	13739	32.836	ug/l #	91
16) Acetone	3.942	43	85098	89.314	ug/l #	86
17) Carbon Disulfide	4.180	76	505	Below Cal	#	32
18) Methyl Acetate	4.466	43	481	Below Cal	#	64
20) Methylene Chloride	4.710	84	26209	2.721	ug/l #	79
25) 2-Butanone	6.990	43	1595	1.045	ug/l #	62
31) Cyclohexane	7.783	56	5914	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	24284	4.431	ug/l #	51
38) Carbon Tetrachloride	7.789	117	30708	5.244	ug/l #	16
39) Methylcyclohexane	9.185	83	677	Below Cal	#	66
40) Benzene	8.155	78	16632	1.039	ug/l	92
65) Chlorobenzene	11.514	112	13817	1.235	ug/l	93
67) Ethyl Benzene	11.593	91	106816	5.360	ug/l	99
68) m/p-Xylenes	11.697	106	11683	1.503	ug/l	93
69) o-Xylene	12.026	106	9873	1.313	ug/l	96
73) Isopropylbenzene	12.331	105	25010	1.375	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	112224	38.089	ug/l #	100
77) Bromobenzene	12.410	156	658787	158.445	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.813	105	23704	1.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	13019	9.281	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.117	105	90191	6.149	ug/l	99
85) sec-Butylbenzene	13.117	105	90191	4.494	ug/l #	56
90) Hexachloroethane	13.971	117	4164	1.281	ug/l #	6
95) Naphthalene	15.233	128	1041824	101.132	ug/l	98

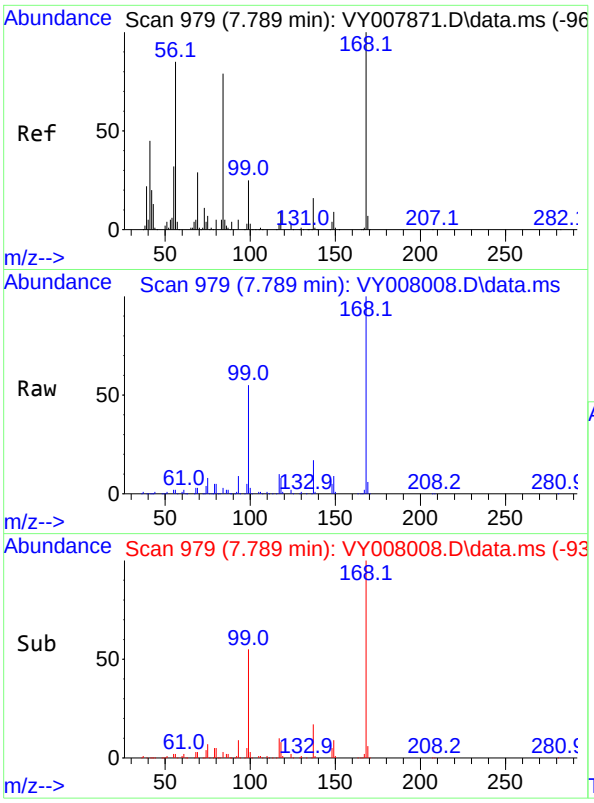
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY008008.D
Acq On : 22 Mar 2022 18:15
Operator : SY/MD
Sample : N2070-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Quant Time: Mar 23 05:09:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration



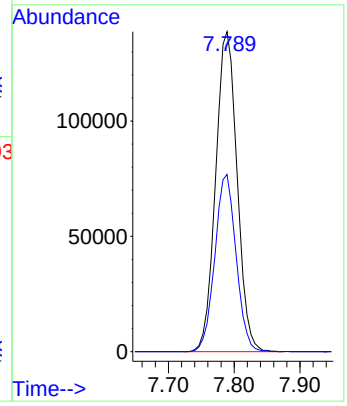


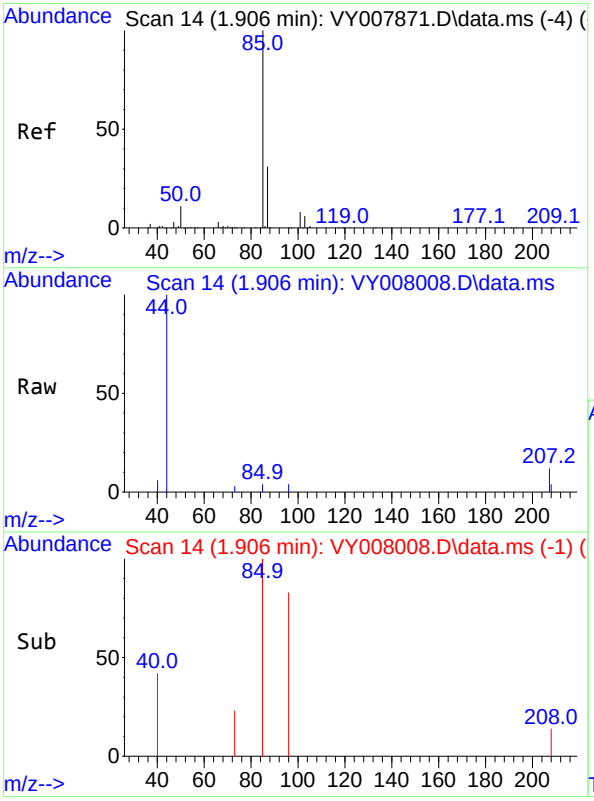
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:168 Resp: 315001

Ion	Ratio	Lower	Upper
168	100		
99	55.4	46.9	70.3

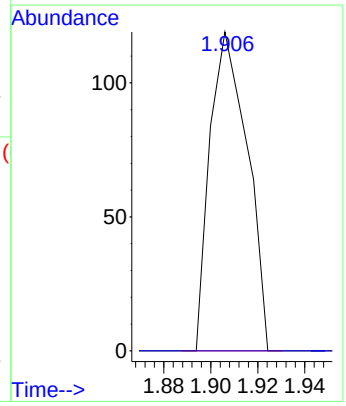


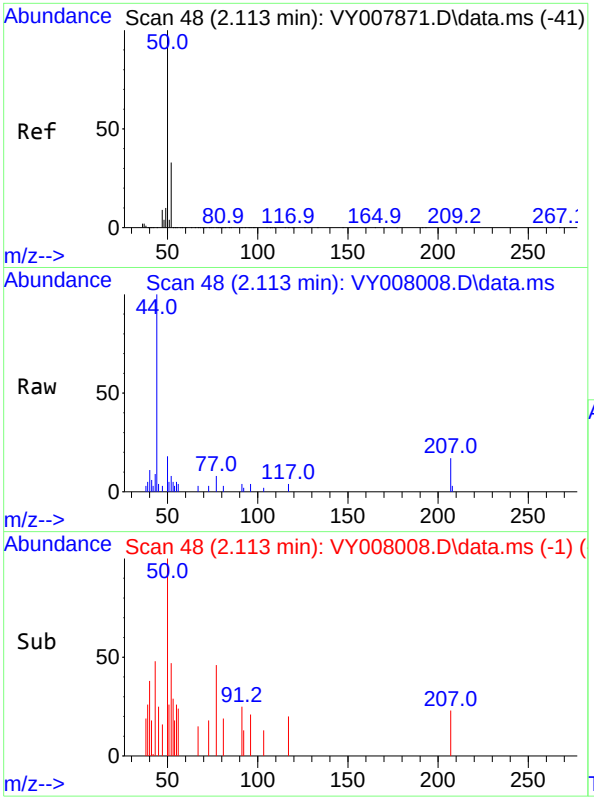


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 85 Resp: 131

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



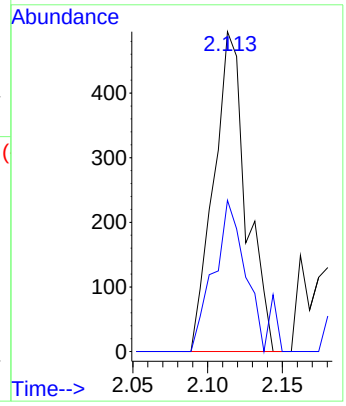


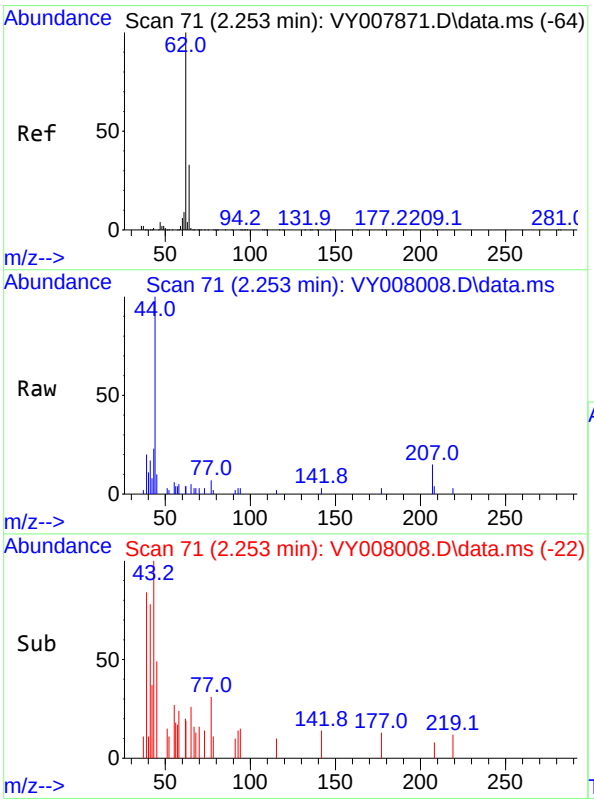
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 50 Resp: 748

Ion	Ratio	Lower	Upper
50	100		
52	47.3	24.6	37.0#

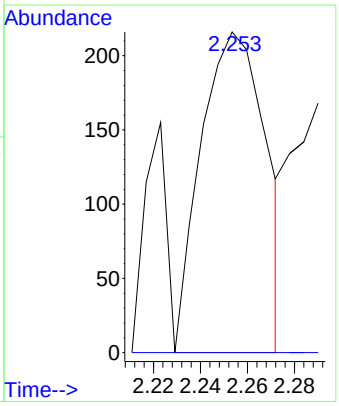


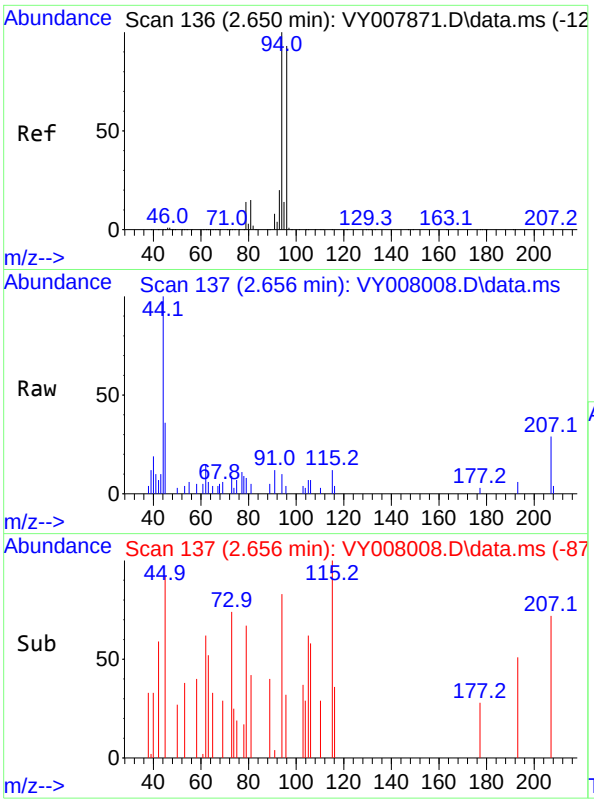


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 62 Resp: 413

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



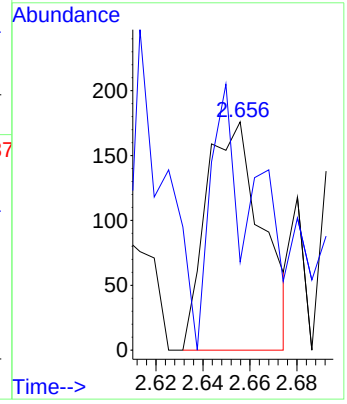


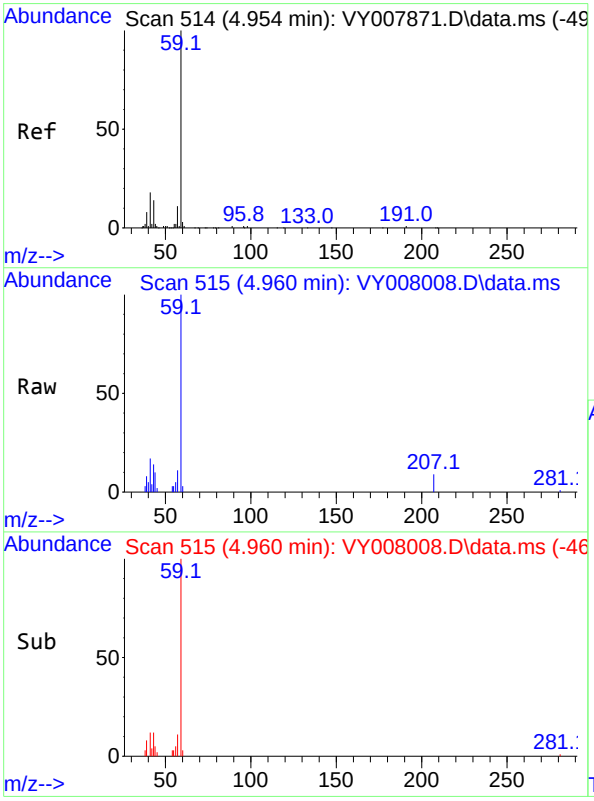
#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 94 Resp: 292

Ion	Ratio	Lower	Upper
94	100		
96	8.5	73.5	110.3#

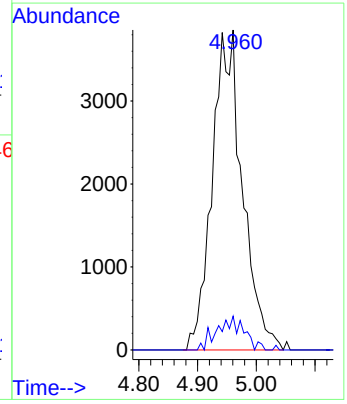


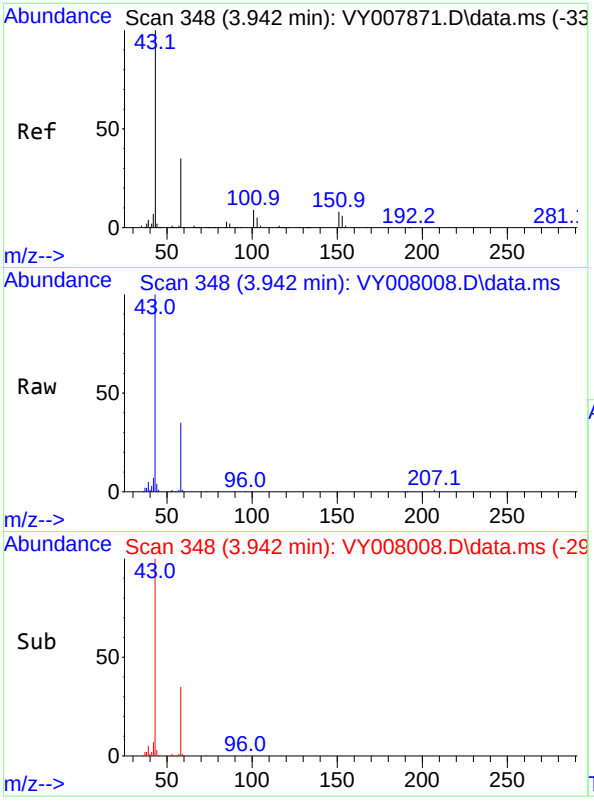


#11
Tert butyl alcohol
Concen: 32.836 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 59 Resp: 13739

Ion	Ratio	Lower	Upper
59	100		
57	4.7	6.4	9.6#



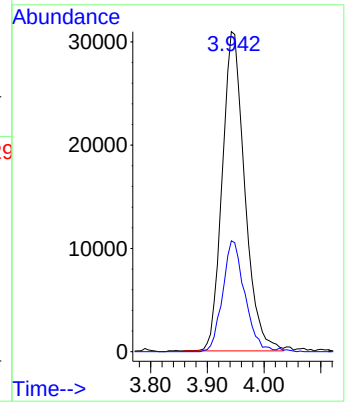


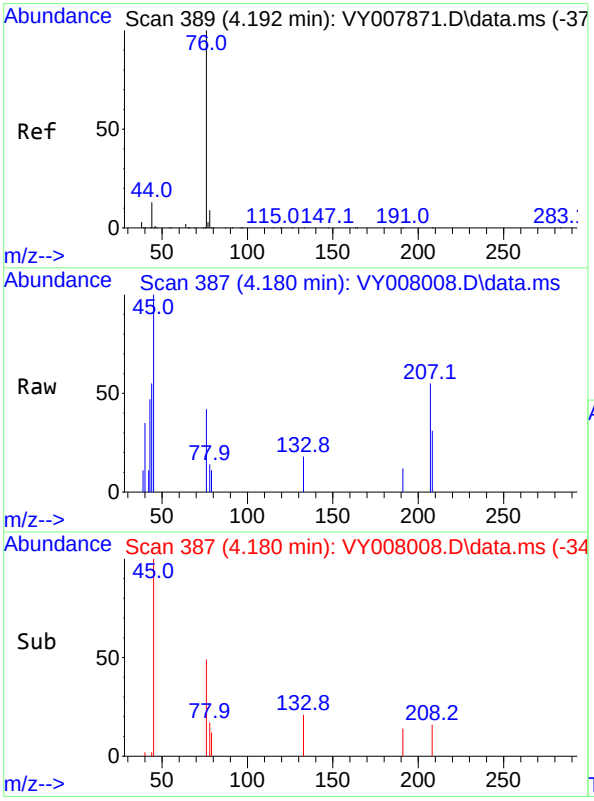
#16
Acetone
Concen: 89.314 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 43 Resp: 85098

Ion	Ratio	Lower	Upper
43	100		
58	34.7	22.0	33.0#

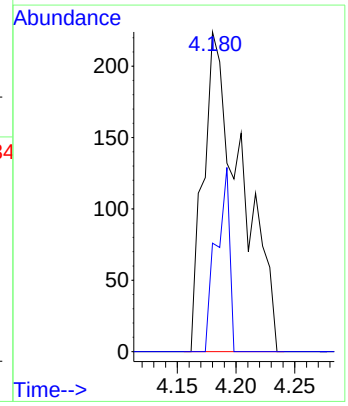


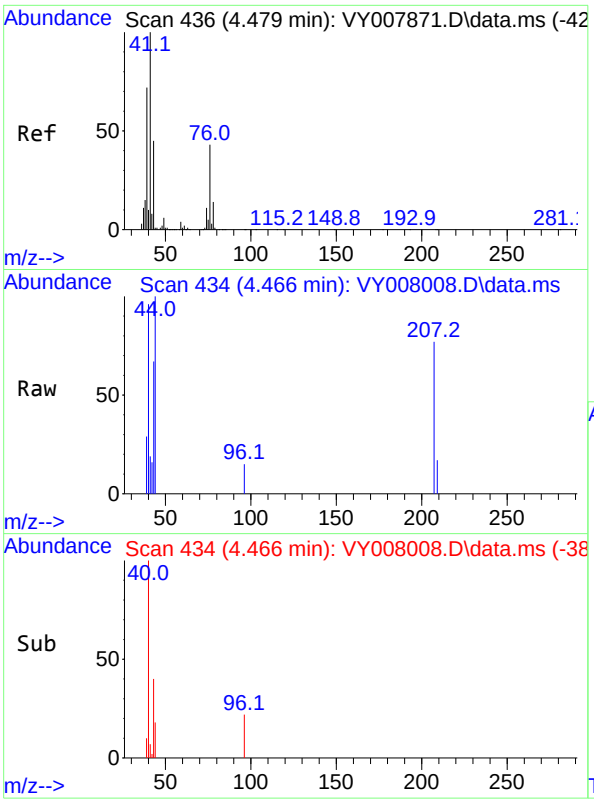


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.012 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 76 Resp: 505

Ion	Ratio	Lower	Upper
76	100		
78	33.9	7.4	11.0#



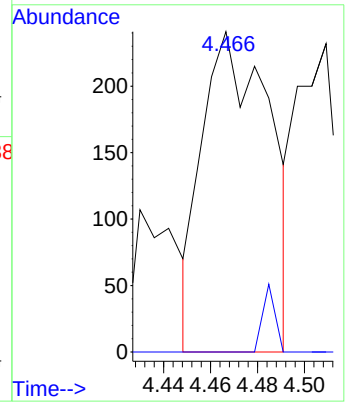


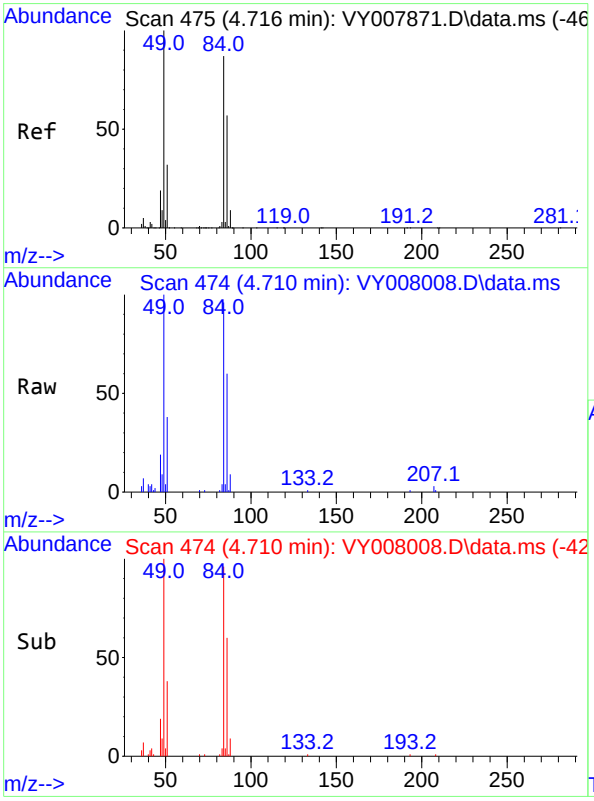
#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 43 Resp: 481

Ion	Ratio	Lower	Upper
43	100		
74	4.0	16.6	24.8#

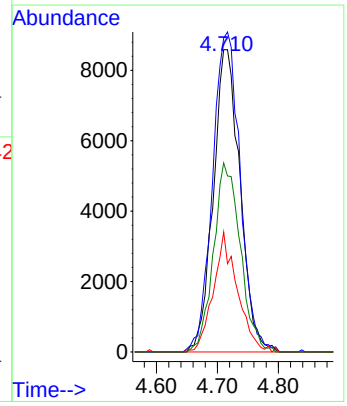


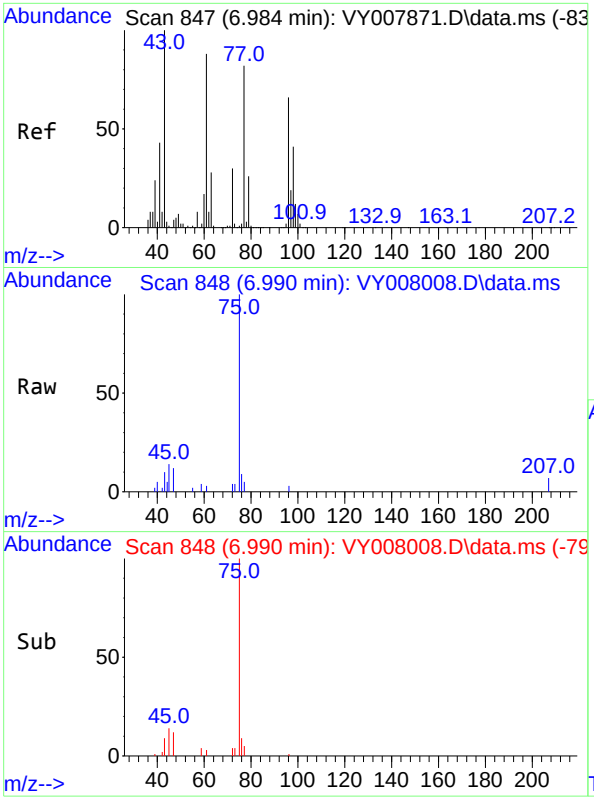


#20
Methylene Chloride
Concen: 2.721 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 84 Resp: 26209

Ion	Ratio	Lower	Upper
84	100		
49	103.8	114.4	171.6#
51	39.7	35.3	52.9
86	62.5	53.7	80.5



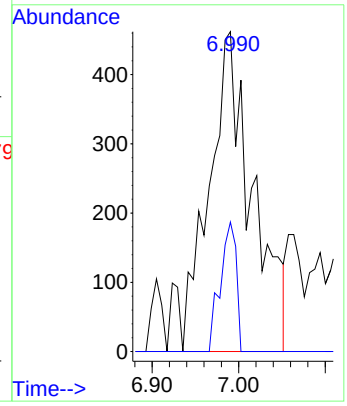


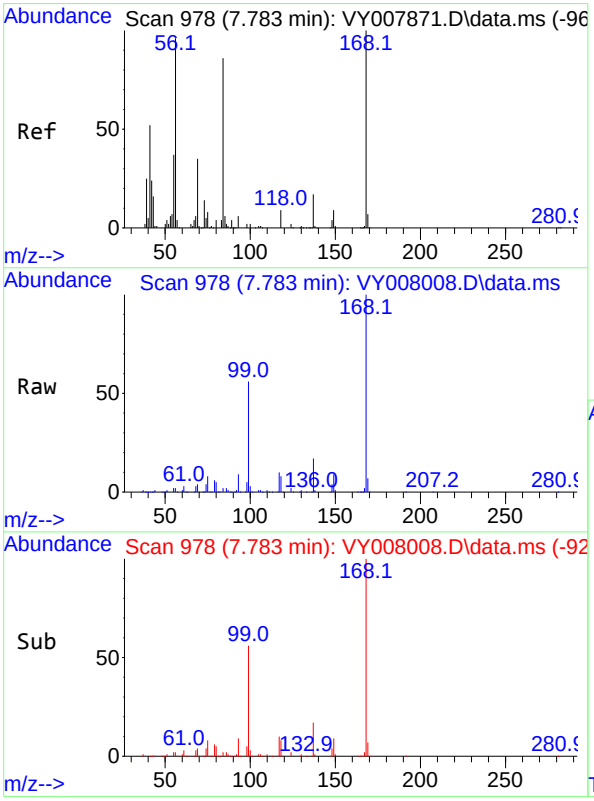
#25
2-Butanone
Concen: 1.045 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 43 Resp: 1595

Ion	Ratio	Lower	Upper
43	100		
72	40.5	17.7	26.5#

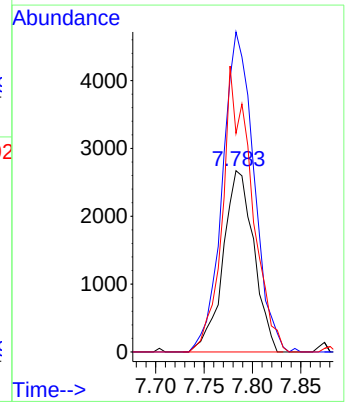


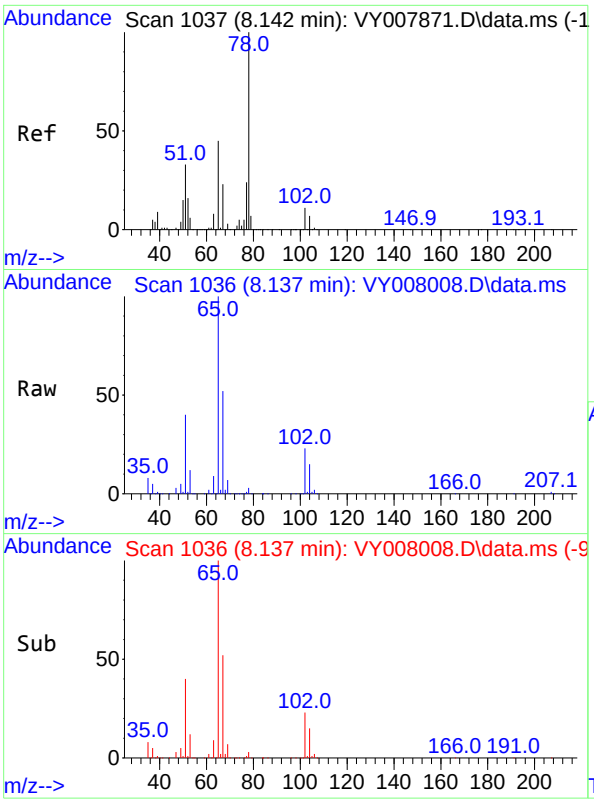


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 56 Resp: 5914

Ion	Ratio	Lower	Upper
56	100		
69	176.6	26.7	40.1#
84	120.6	67.2	100.8#



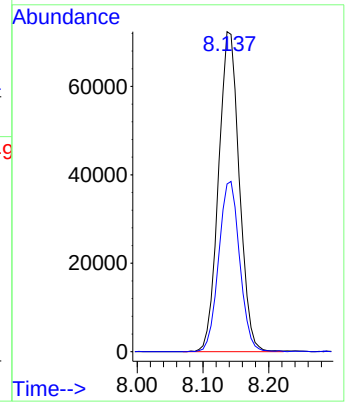


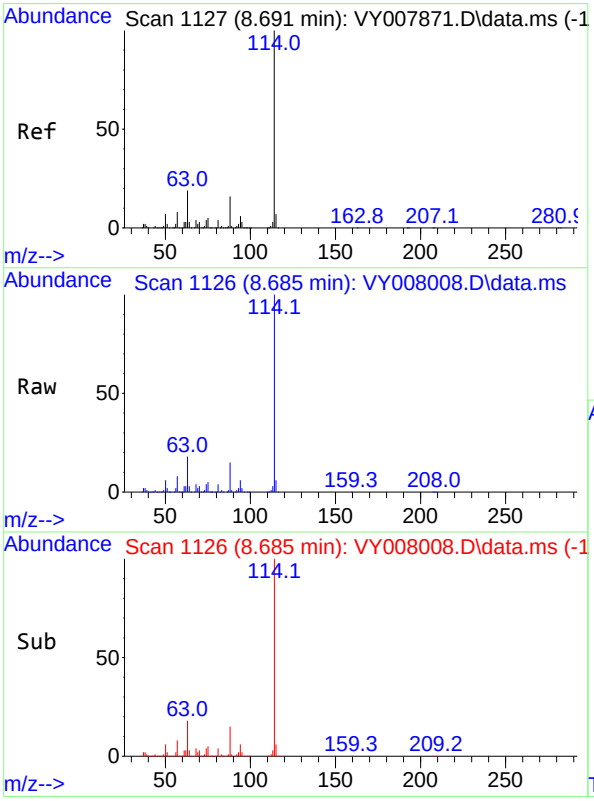
#33
1,2-Dichloroethane-d4
Concen: 44.275 ug/l
RT: 8.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 65 Resp: 159018

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	99.4

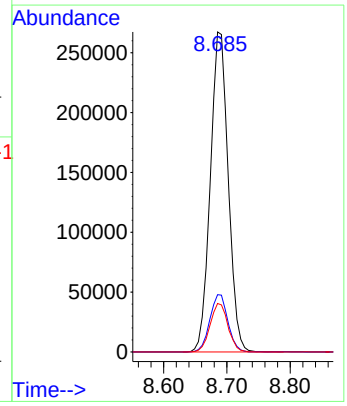


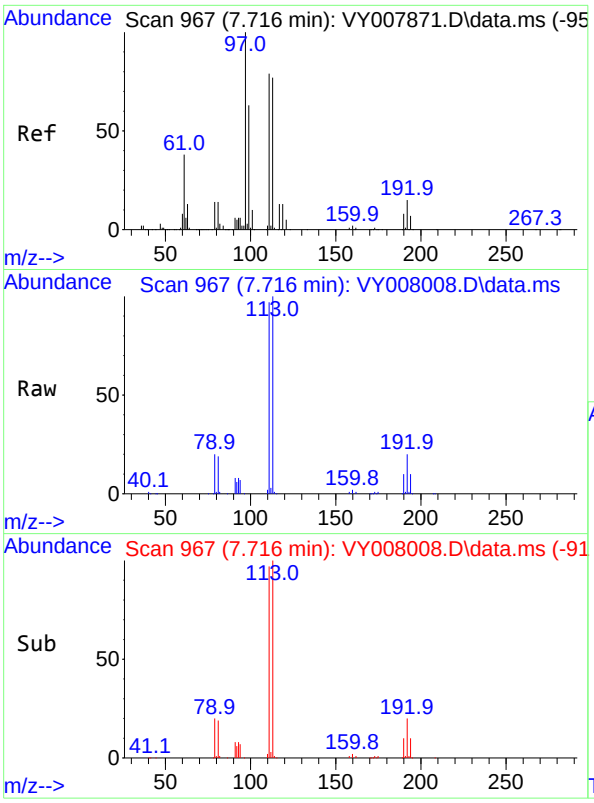


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:114 Resp: 526118

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	15.2	0.0	31.8



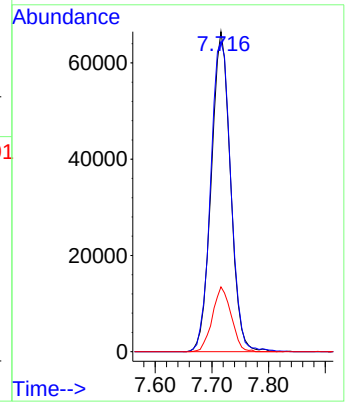


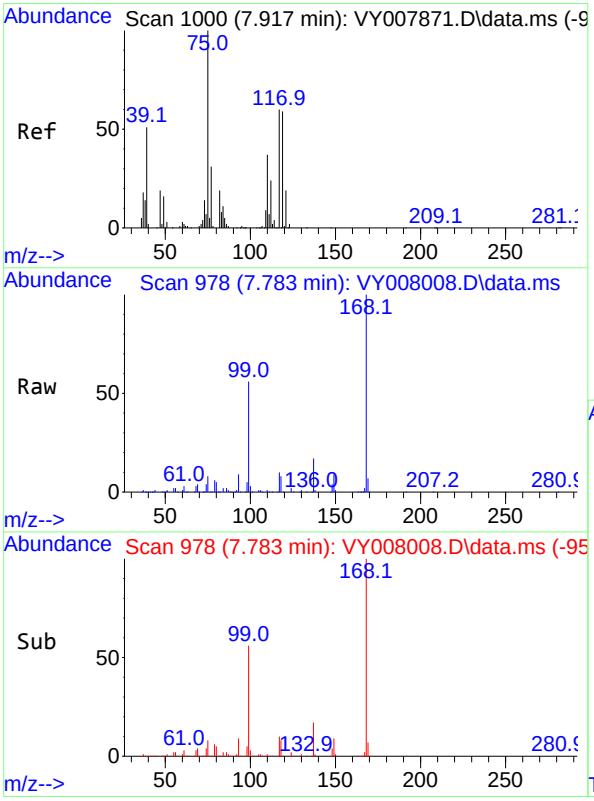
#35
Dibromofluoromethane
Concen: 42.143 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:113 Resp: 155714

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	19.8	17.6	26.4

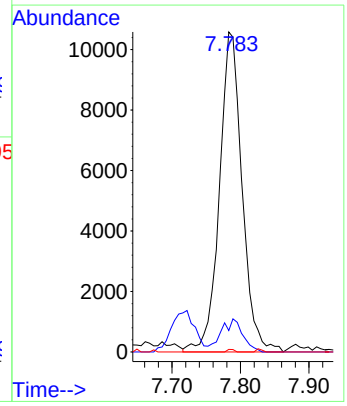


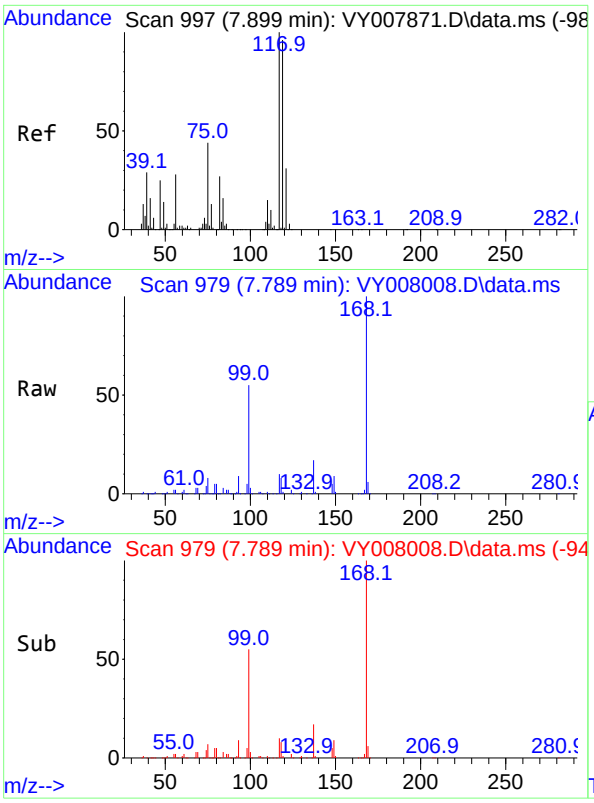


#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 75 Resp: 24284

Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.0	24.4	36.6#



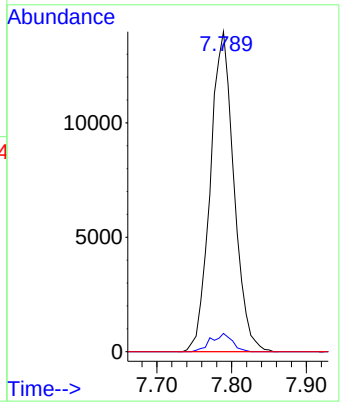


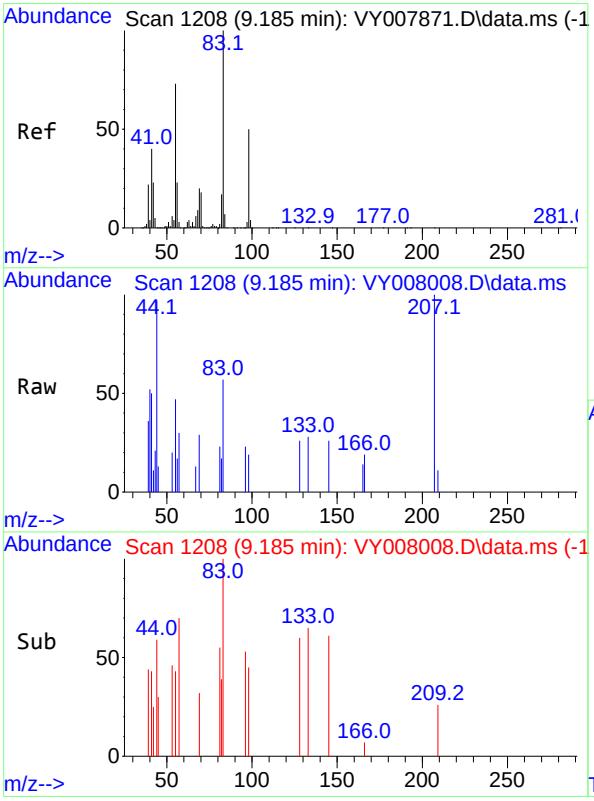
#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:117 Resp: 30708

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.9	116.9#
121	0.0	24.8	37.2#

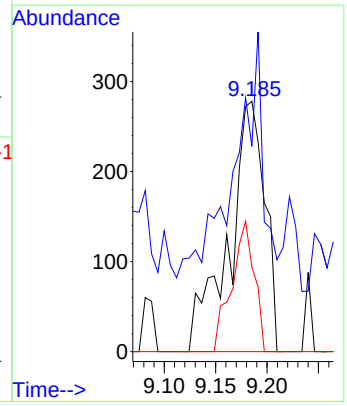


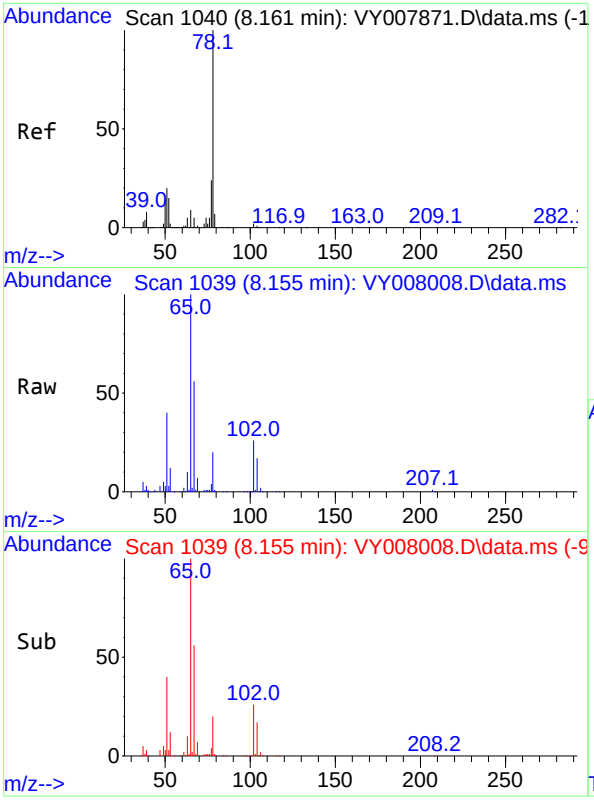


#39
Methylcyclohexane
Concen: Below Cal
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 83 Resp: 677

Ion	Ratio	Lower	Upper
83	100		
55	45.0	66.5	99.7#
98	33.8	37.9	56.9#



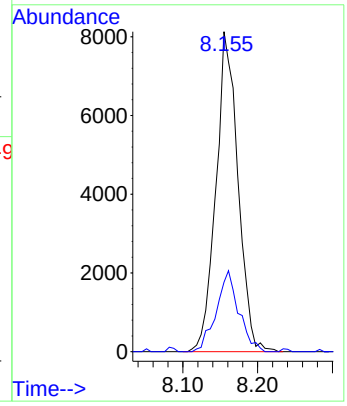


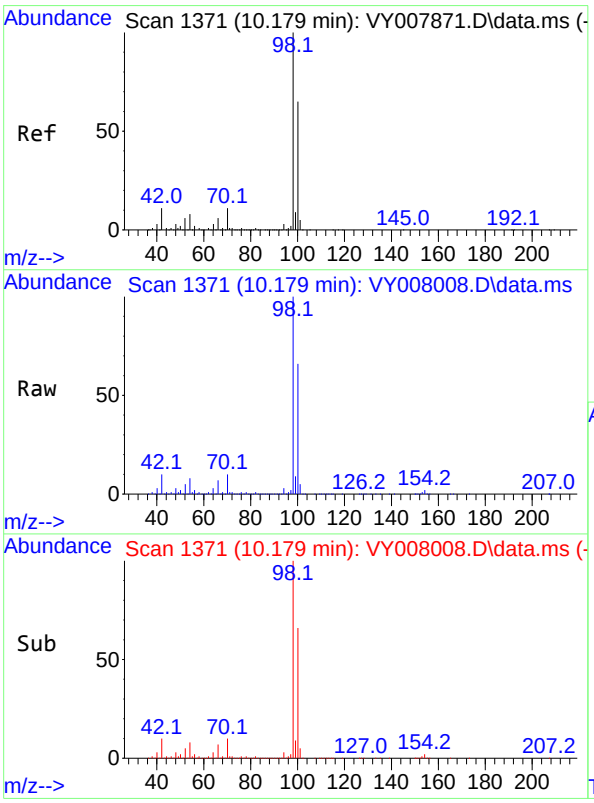
#40
Benzene
Concen: 1.039 ug/l
RT: 8.155 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 78 Resp: 16632

Ion	Ratio	Lower	Upper
78	100		
77	21.7	20.4	30.6

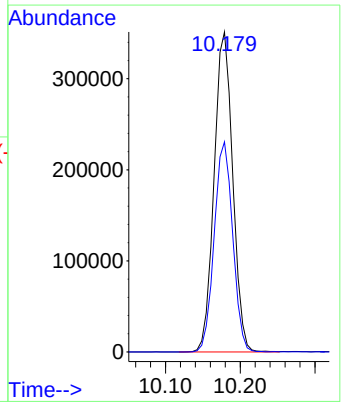


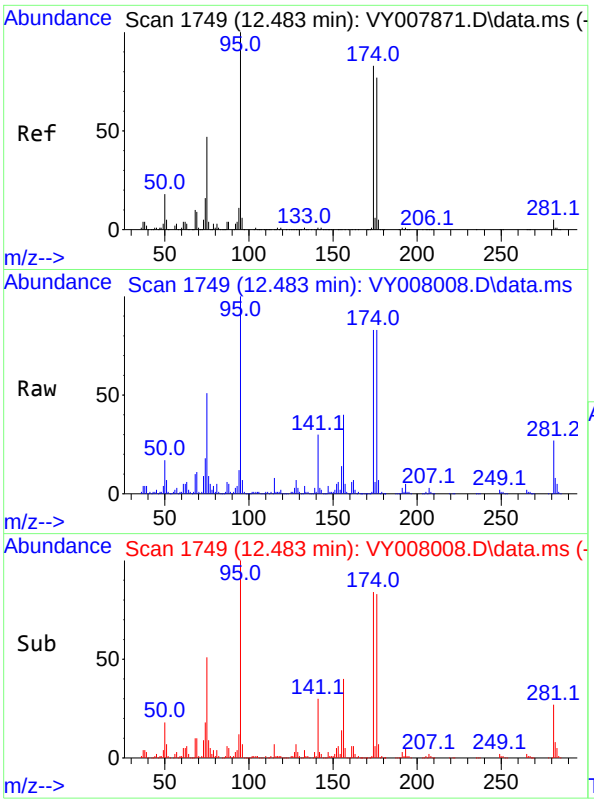


#50
Toluene-d8
Concen: 55.126 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 98 Resp: 608201

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.2



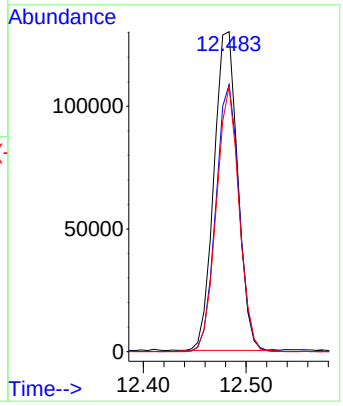


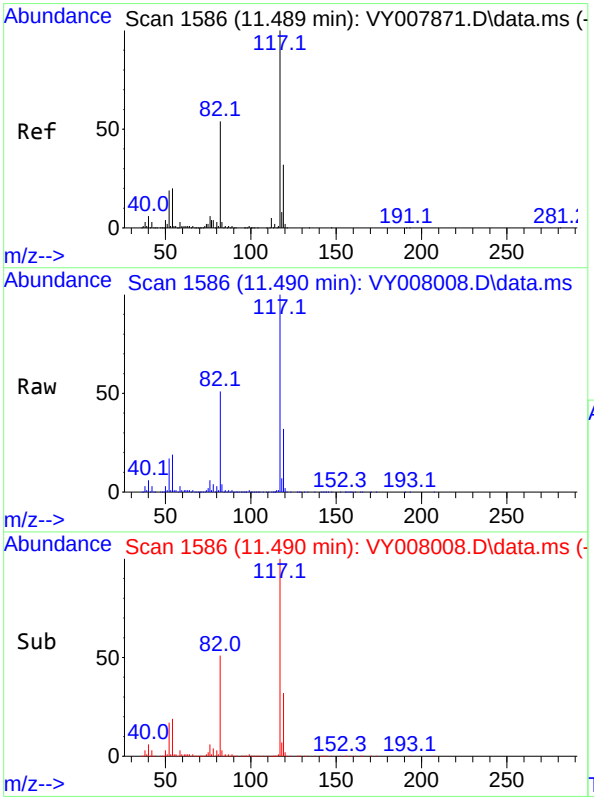
#62
4-Bromofluorobenzene
Concen: 39.195 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 95 Resp: 207846

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	177.0
176	79.7	0.0	175.8

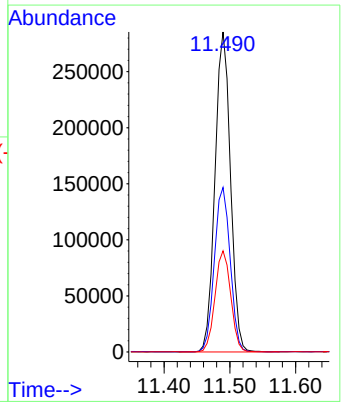


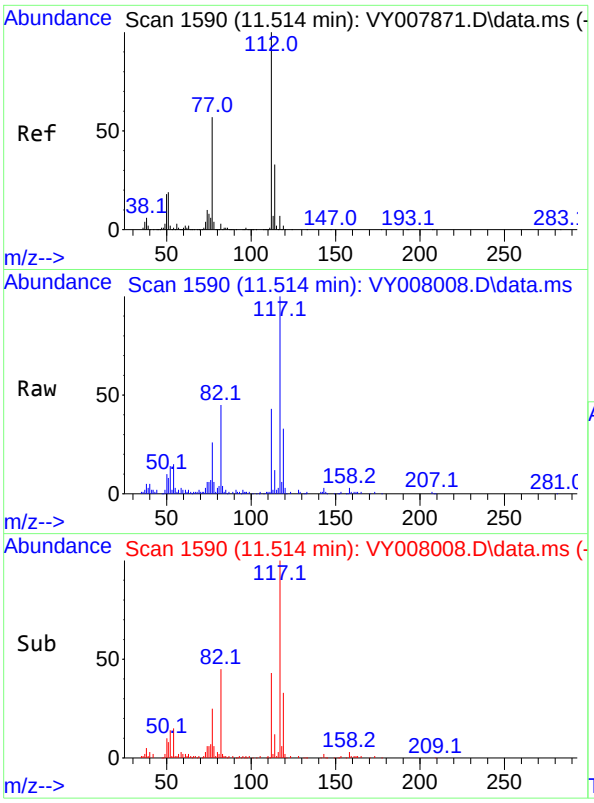


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:117 Resp: 467019

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.0	64.4
119	31.6	25.4	38.0



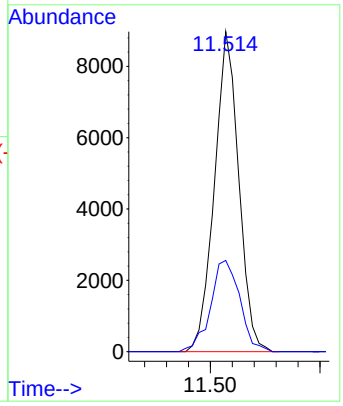


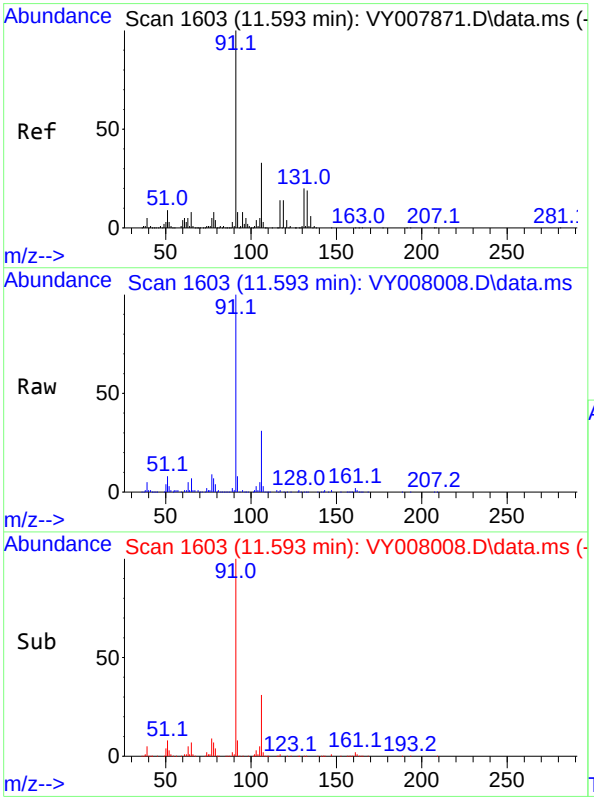
#65
Chlorobenzene
Concen: 1.235 ug/l
RT: 11.514 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:112 Resp: 13817

Ion	Ratio	Lower	Upper
112	100		
114	28.5	25.8	38.6

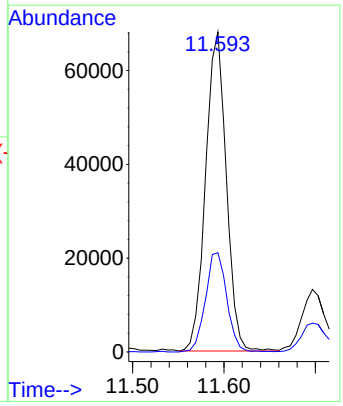


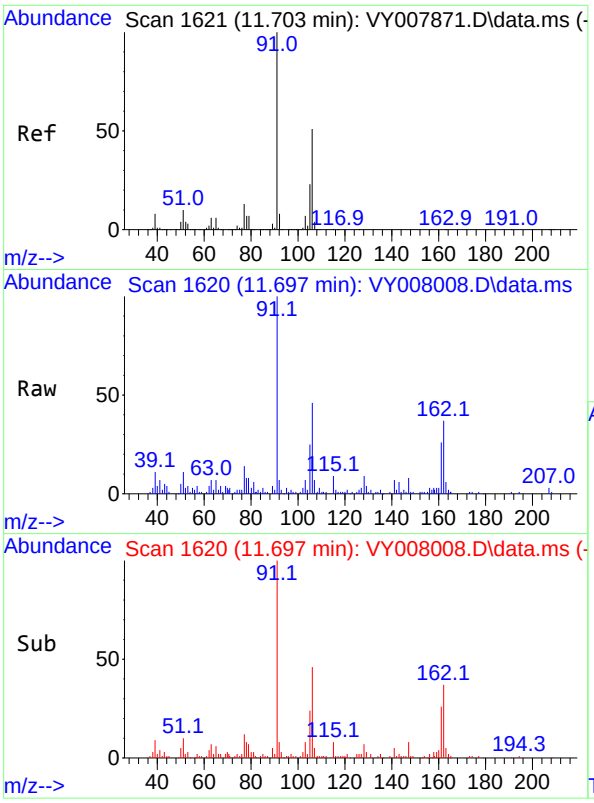


#67
Ethyl Benzene
Concen: 5.360 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 91 Resp: 106816

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.5	36.7



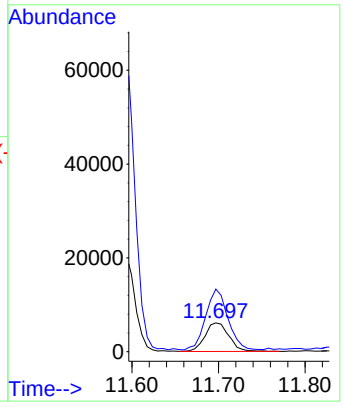


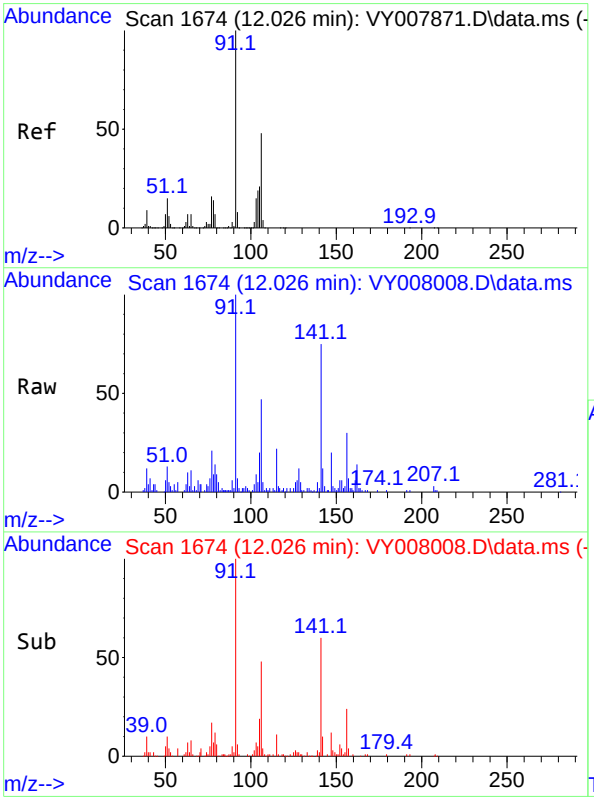
#68
m/p-Xylenes
Concen: 1.503 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:106 Resp: 11683

Ion	Ratio	Lower	Upper
106	100		
91	196.7	166.6	249.8

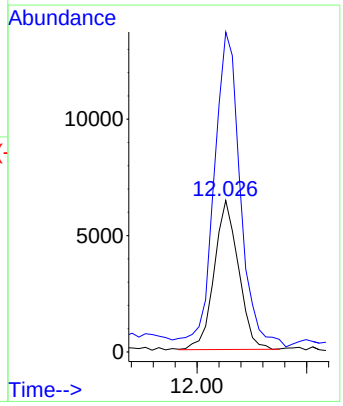


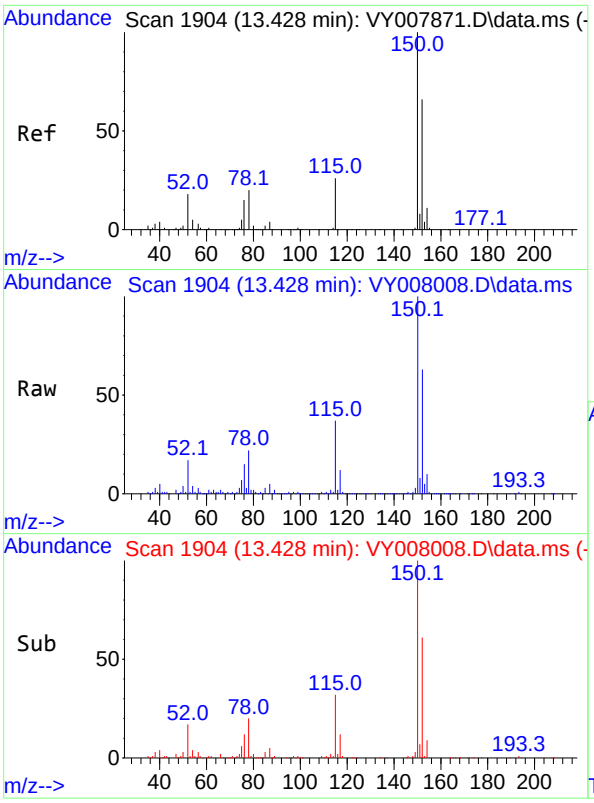


#69
o-Xylene
Concen: 1.313 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:106 Resp: 9873

Ion	Ratio	Lower	Upper
106	100		
91	227.7	110.3	331.0



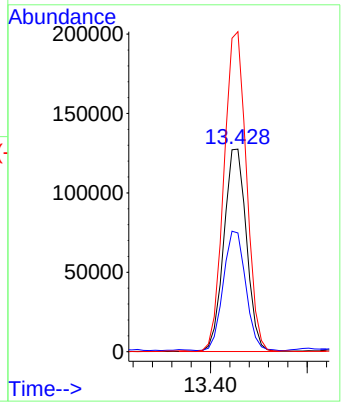


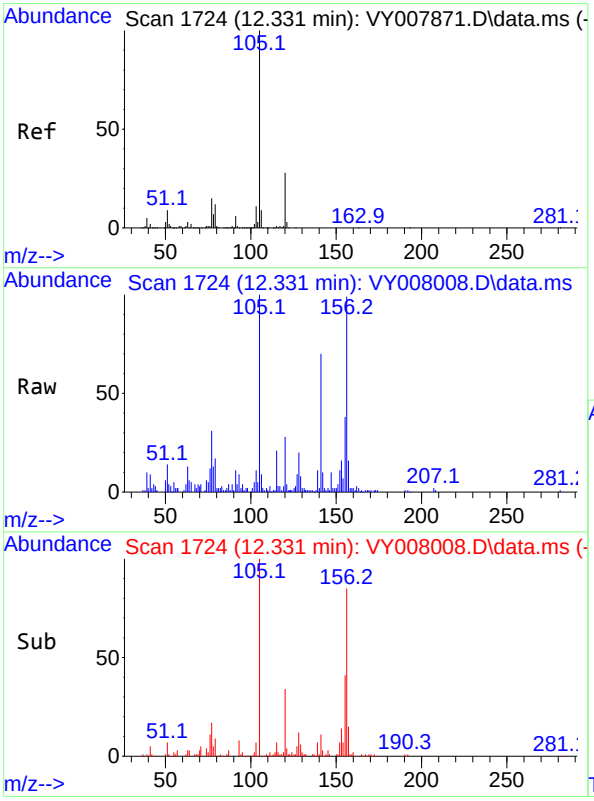
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:152 Resp: 206711

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	157.0	0.0	347.6

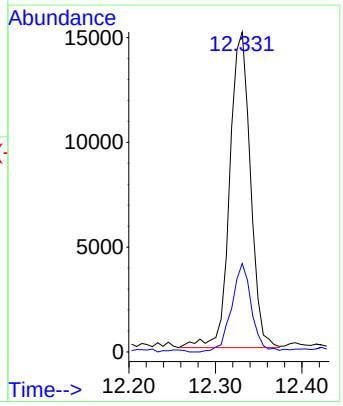


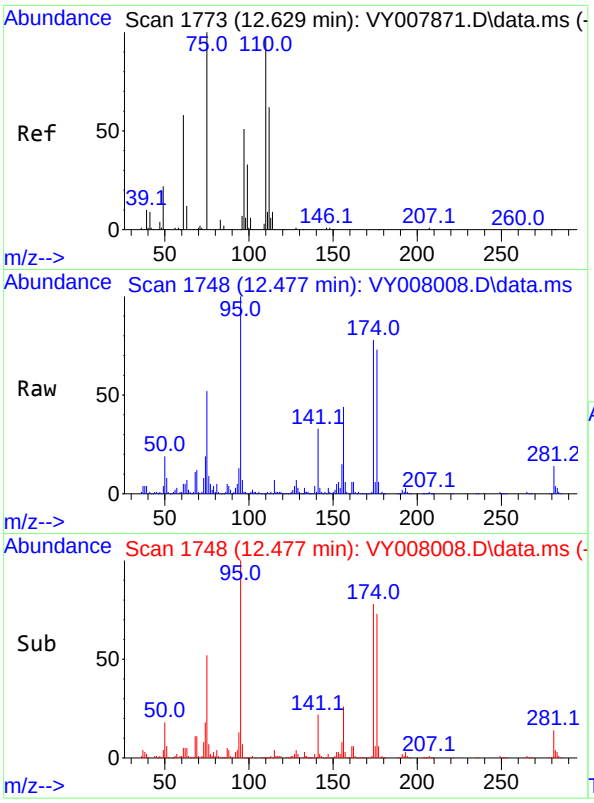


#73
Isopropylbenzene
Concen: 1.375 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:105 Resp: 25010

Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.4	40.2



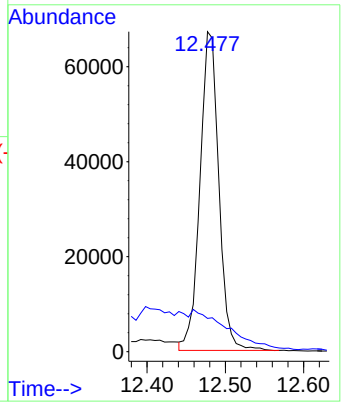


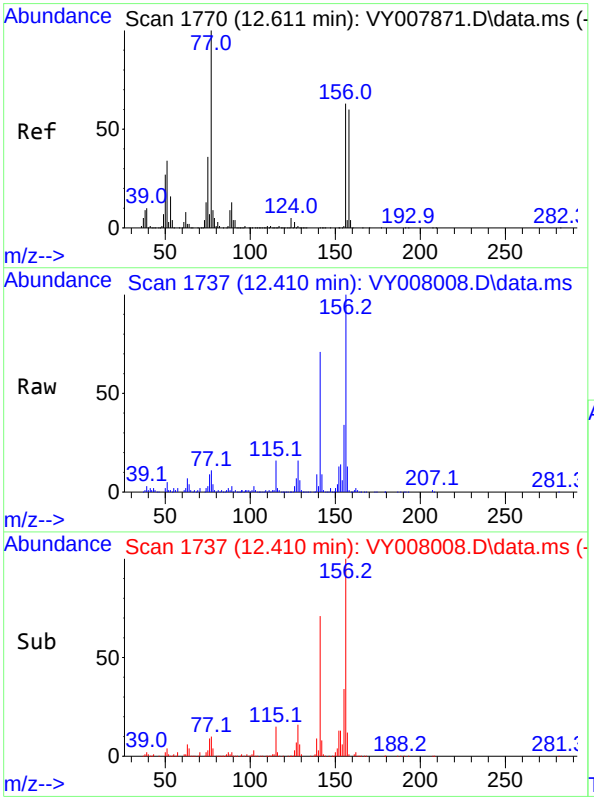
#76
1,2,3-Trichloropropane
Concen: 38.089 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.158 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion: 75 Resp: 112224

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

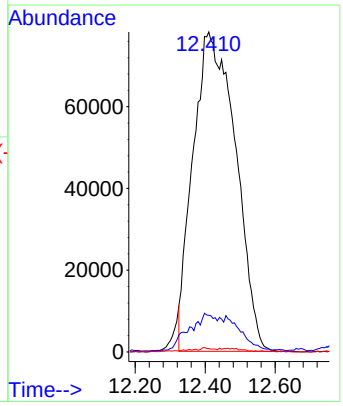


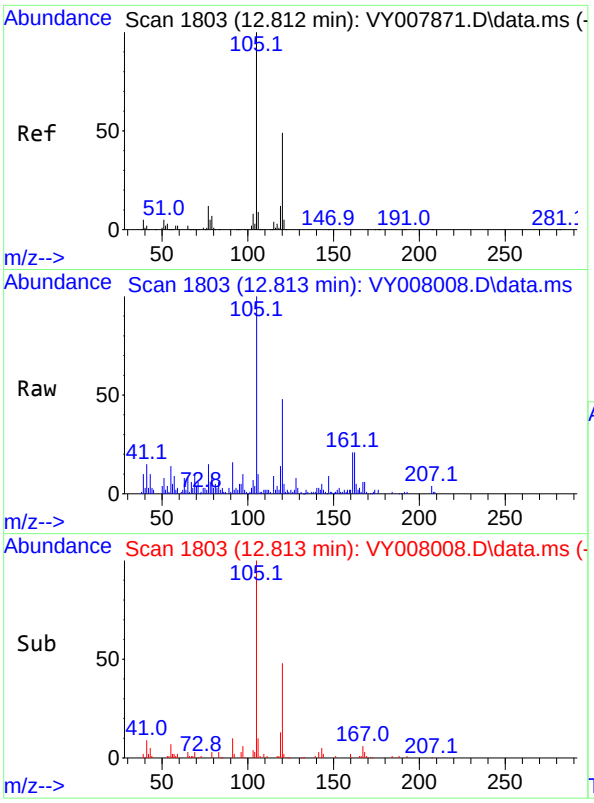


#77
Bromobenzene
Concen: 158.445 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.201 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:156 Resp: 658787

Ion	Ratio	Lower	Upper
156	100		
77	2.9	95.5	286.4#
158	0.2	48.0	144.0#



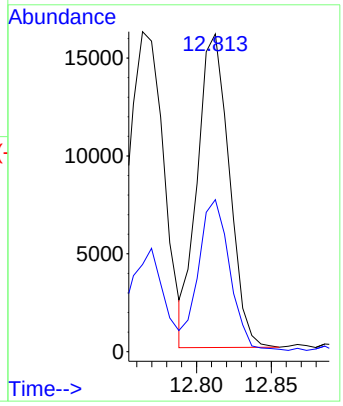


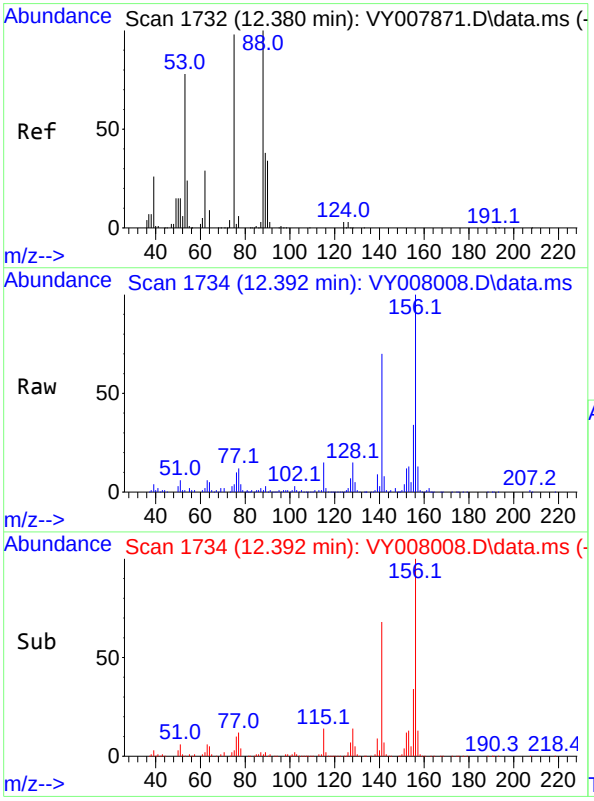
#80
1,3,5-Trimethylbenzene
Concen: 1.584 ug/l
RT: 12.813 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:105 Resp: 23704

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.4	73.4

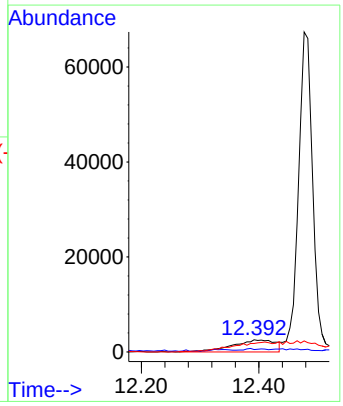


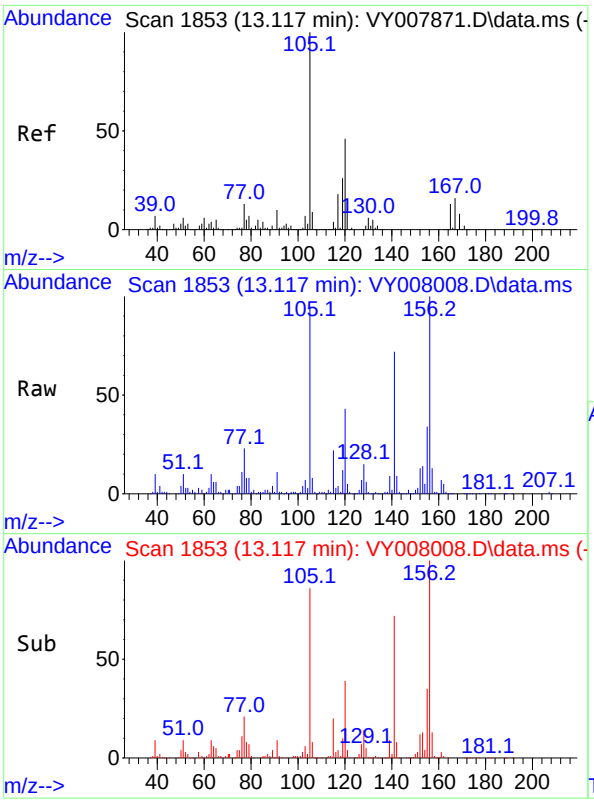


#81
trans-1,4-Dichloro-2-butene
Concen: 9.281 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion: 75 Resp: 13019

Ion	Ratio	Lower	Upper
75	100		
53	2.5	85.3	127.9#
89	0.0	37.0	55.4#



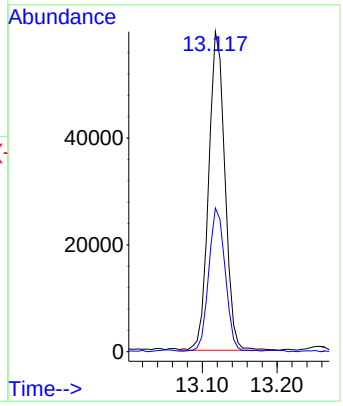


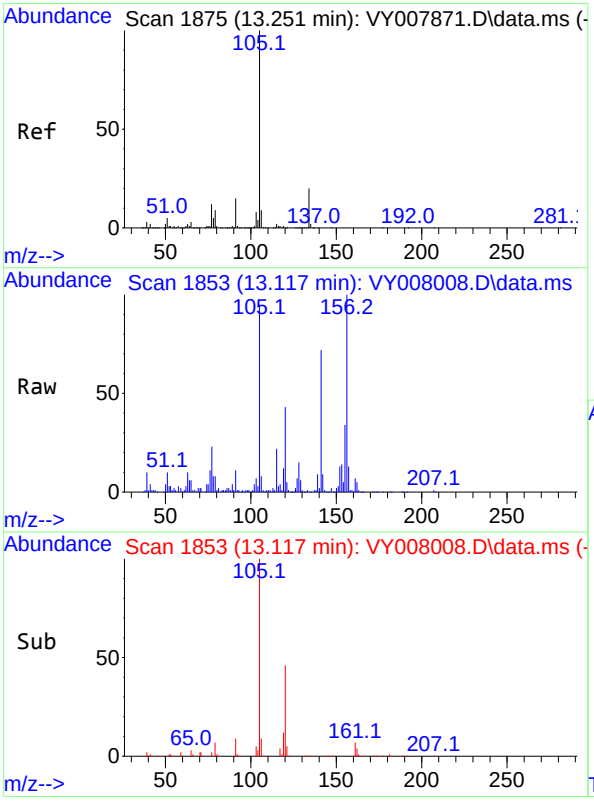
#84
1,2,4-Trimethylbenzene
Concen: 6.149 ug/l
RT: 13.117 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:105 Resp: 90191

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9

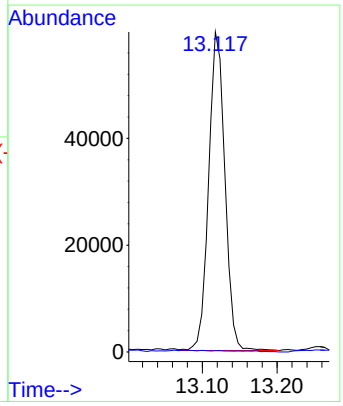


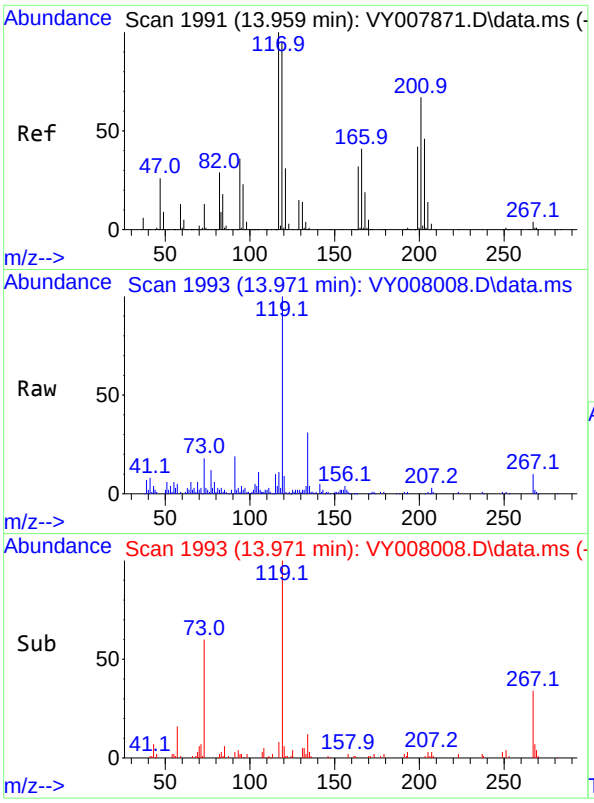


#85
sec-Butylbenzene
Concen: 4.494 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.134 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:105 Resp: 90191

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#



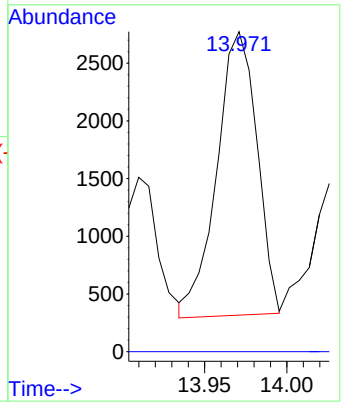


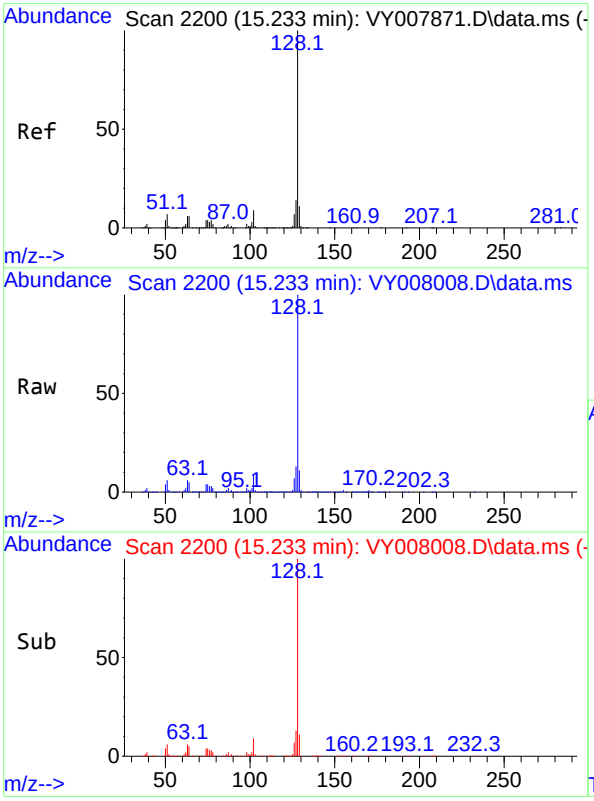
#90
Hexachloroethane
Concen: 1.281 ug/l
RT: 13.971 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:117 Resp: 4164

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.0	128.8#





#95
Naphthalene
Concen: 101.132 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY008008.D
Acq: 22 Mar 2022 18:15

Tgt Ion:128 Resp: 1041824

Ion	Ratio	Lower	Upper
128	100		
127	12.7	11.0	16.4
129	11.2	8.4	12.6