Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Quant Time: Jan 18 03:09:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	119498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83702	57.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.180%			
35) Dibromofluoromethane	7.721	113	74659	50.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.178	98	269934	49.691	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.483	95	103159	53.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	63935	516.519	ug/l	99
13) Acrolein	3.948	56	4559	144.939	ug/l #	79
14) Allyl chloride	4.710	41	47210	21.774	ug/l #	58
15) Acrylonitrile	5.216	53	2875	7.882	ug/l #	25
16) Acetone	3.948	43	16707	43.905	ug/l #	65
18) Methyl Acetate	4.704	43	109559	80.915	ug/l #	49
19) Methyl tert-butyl Ether	5.222	73	204841	76.948	ug/l #	87
20) Methylene Chloride	4.722	84	1904	1.210	ug/l #	38
22) Diisopropyl ether	6.118	45	10353	2.357	ug/l #	98
23) Vinyl Acetate	6.118	43	5201	2.013	ug/l #	70
25) 2-Butanone	6.984	43	3774	7.671	ug/l #	58
31) Cyclohexane	7.789	56	7280	2.937	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	10647	4.484	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12798	5.124	ug/l #	15
39) Methylcyclohexane	9.178	83	9109	3.142	ug/l #	50
40) Benzene	8.160	78	22360	3.530	ug/l	99
42) 1,2-Dichloroethane	8.234	62	2774	1.391	ug/l #	74
43) Isopropyl Acetate	8.264	43	12372	5.218	ug/l #	51
48) Methyl methacrylate	9.319	41	5568	5.163	ug/l #	35
51) 4-Methyl-2-Pentanone	10.111	43	3843	3.197	ug/l #	83
55) 1,1,2-Trichloroethane	10.623	97	8260	6.394	ug/l #	23
56) Ethyl methacrylate	10.526	69	2157	1.185	ug/l #	1
59) 2-Hexanone	10.800	43	3636	4.456	ug/l #	23
67) Ethyl Benzene	11.593	91	13344	1.552	ug/l	97
68) m/p-Xylenes	11.702	106	4894	1.532	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	58904	54.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58904	99.974	ug/l #	4
85) sec-Butylbenzene	13.257	105	13596	1.568	ug/l #	48
90) Hexachloroethane	14.037	117	11607	8.331	ug/l #	16
95) Naphthalene	15.238	128	39819	9.957	ug/l	100

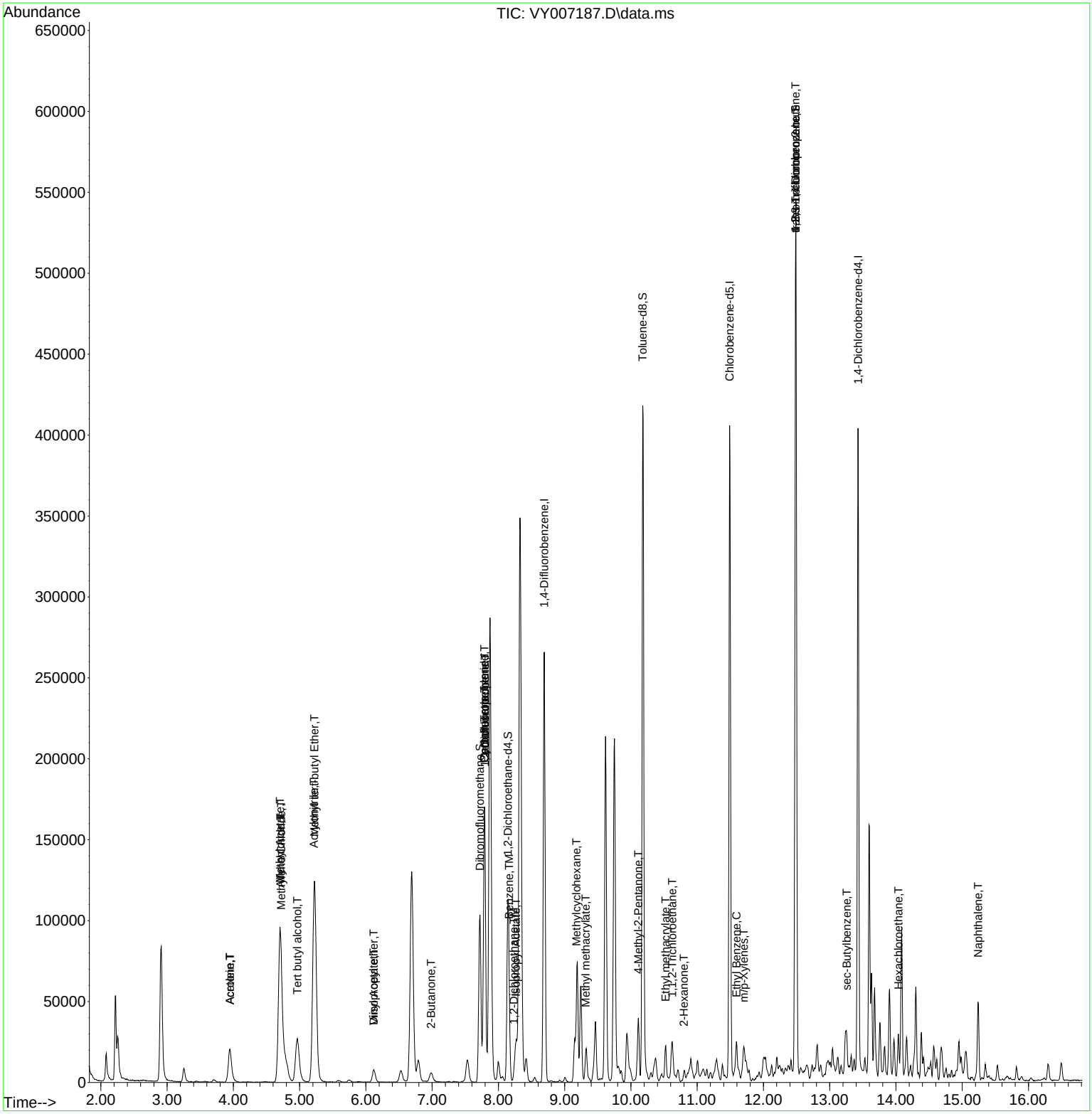
(#) = qualifier out of range (m) = manual integration (+) = signals summed

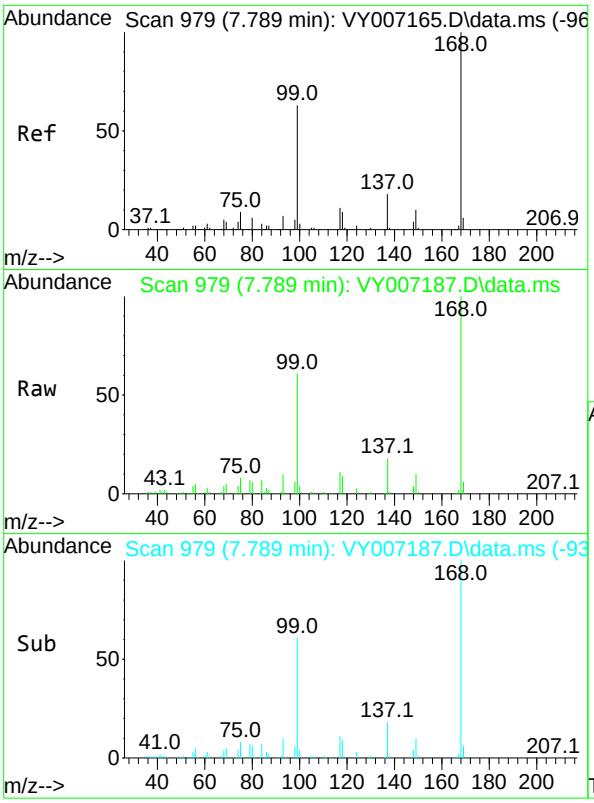
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Quant Time: Jan 18 03:09:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration



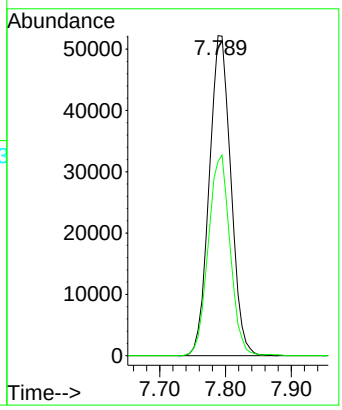


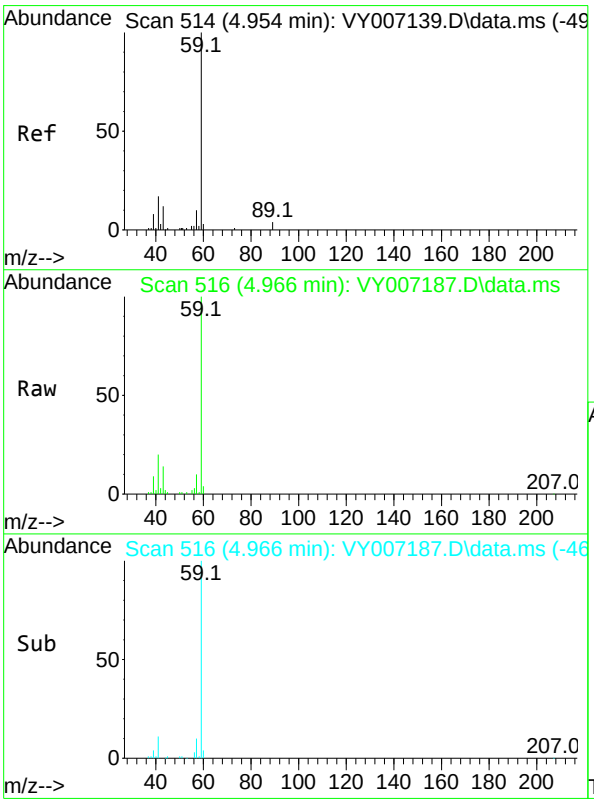
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:168 Resp: 119498

Ion	Ratio	Lower	Upper
168	100		
99	60.8	49.1	73.7

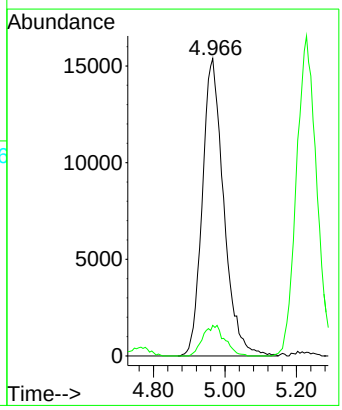


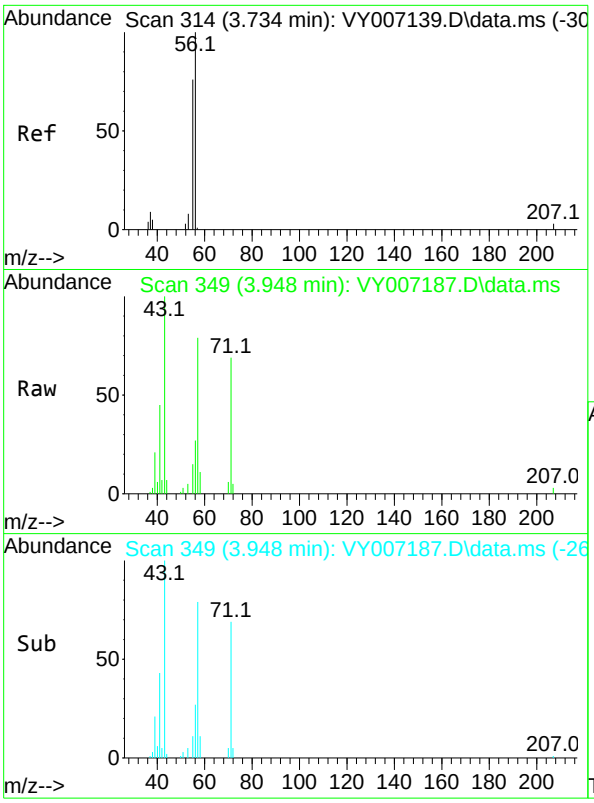


#11
Tert butyl alcohol
Concen: 516.519 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 59 Resp: 63935

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1



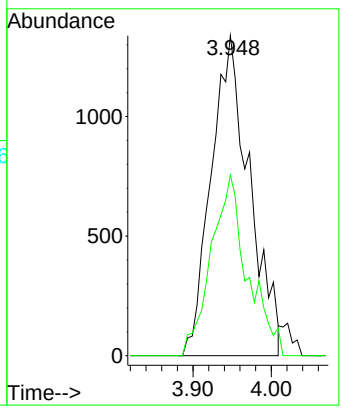


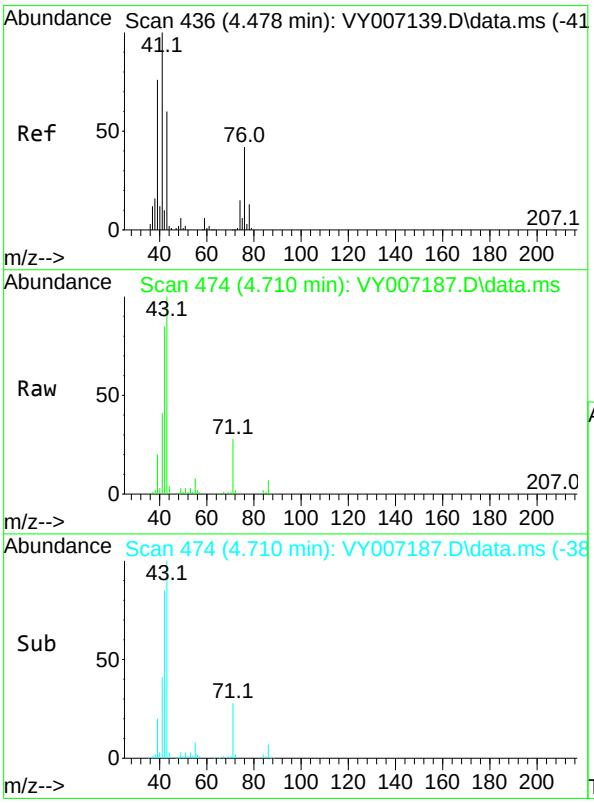
#13
Acrolein
Concen: 144.939 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.214 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 56 Resp: 4559

Ion	Ratio	Lower	Upper
56	100		
55	52.4	55.7	83.5#

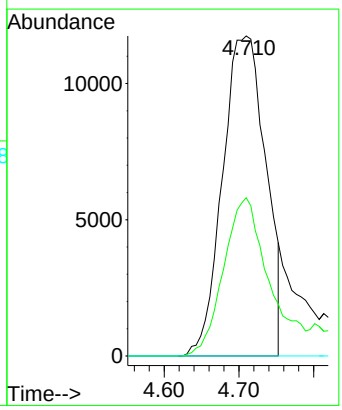


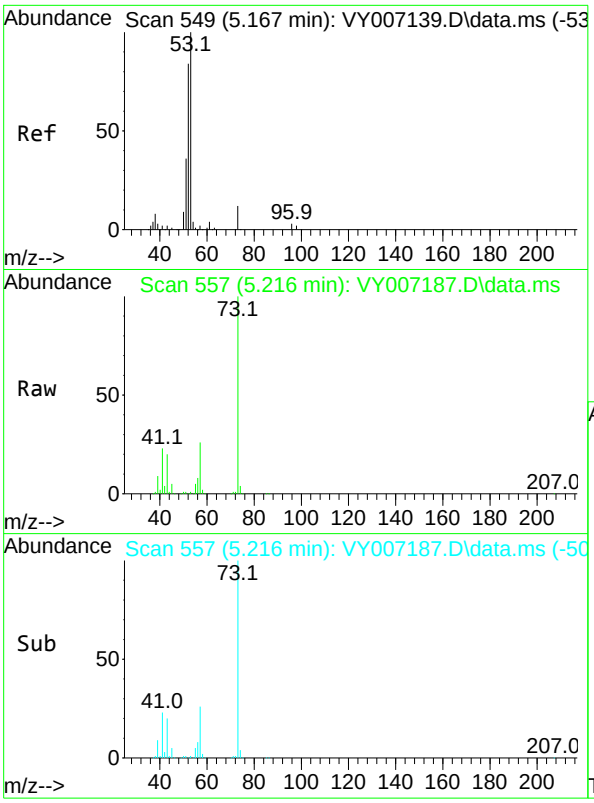


#14
Allyl chloride
Concen: 21.774 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.232 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 41 Resp: 47210

Ion	Ratio	Lower	Upper
41	100		
39	46.3	56.1	84.1#
76	0.0	31.4	47.2#



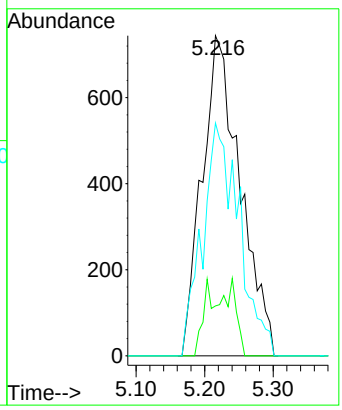


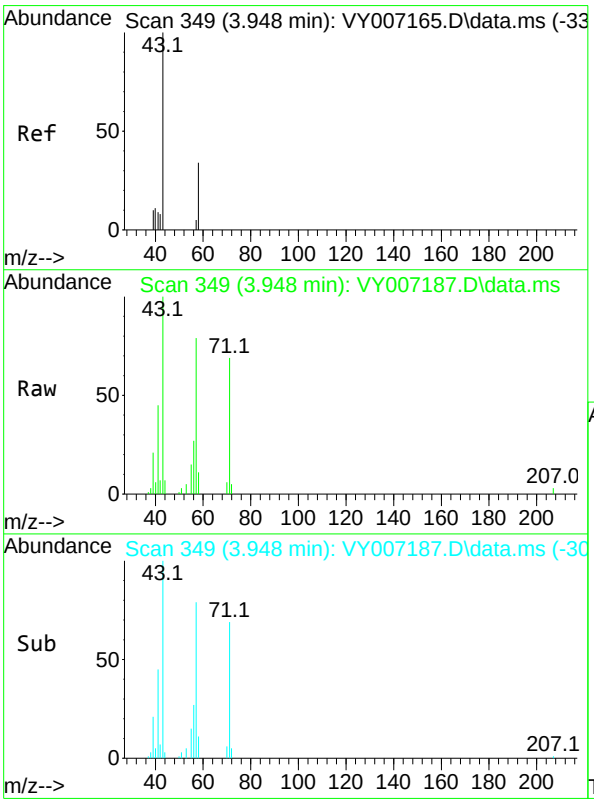
#15
Acrylonitrile
Concen: 7.882 ug/l
RT: 5.216 min Scan# 5
Delta R.T. 0.049 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 53 Resp: 2875

Ion	Ratio	Lower	Upper
53	100		
52	6.9	65.4	98.2#
51	69.8	29.4	44.2#

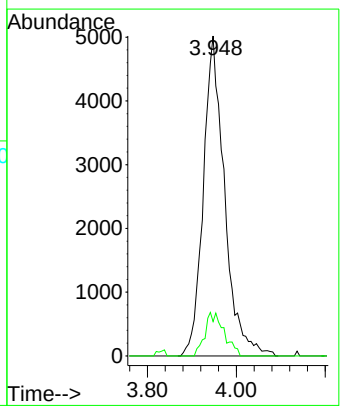


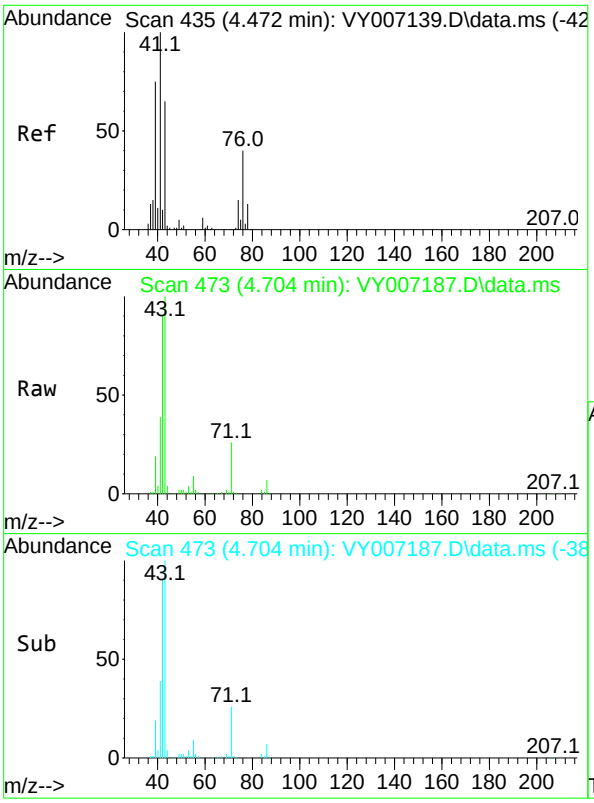


#16
Acetone
Concen: 43.905 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 43 Resp: 16707

Ion	Ratio	Lower	Upper
43	100		
58	10.8	23.8	35.6#



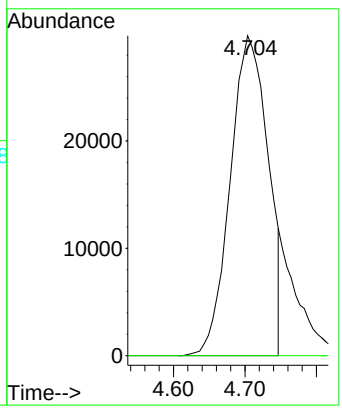


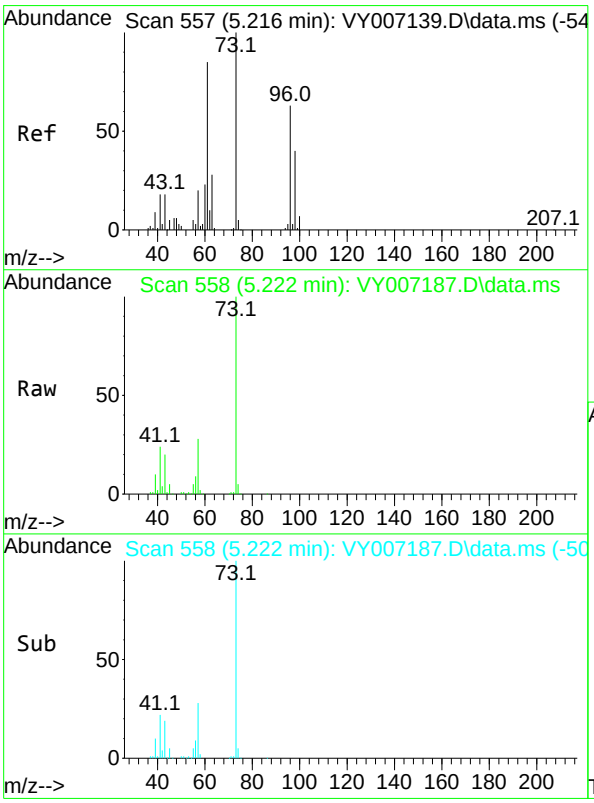
#18
Methyl Acetate
Concen: 80.915 ug/l
RT: 4.704 min Scan# 4
Delta R.T. 0.232 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 43 Resp: 109559

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.9	31.3#

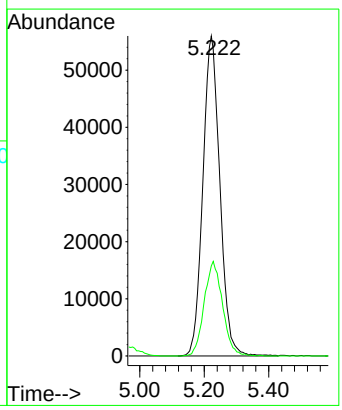


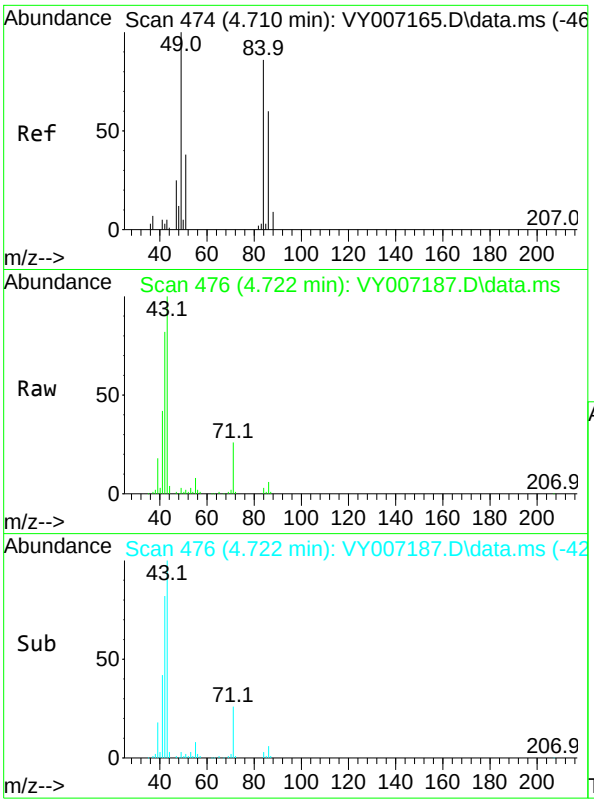


#19
Methyl tert-butyl Ether
Concen: 76.948 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 73 Resp: 204841

Ion	Ratio	Lower	Upper
73	100		
57	28.2	17.4	26.2#



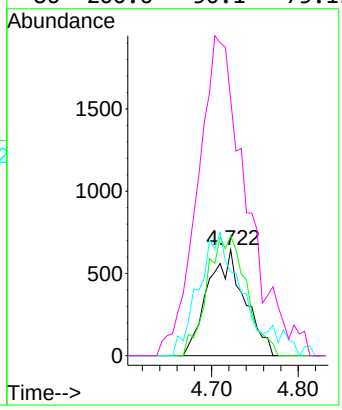


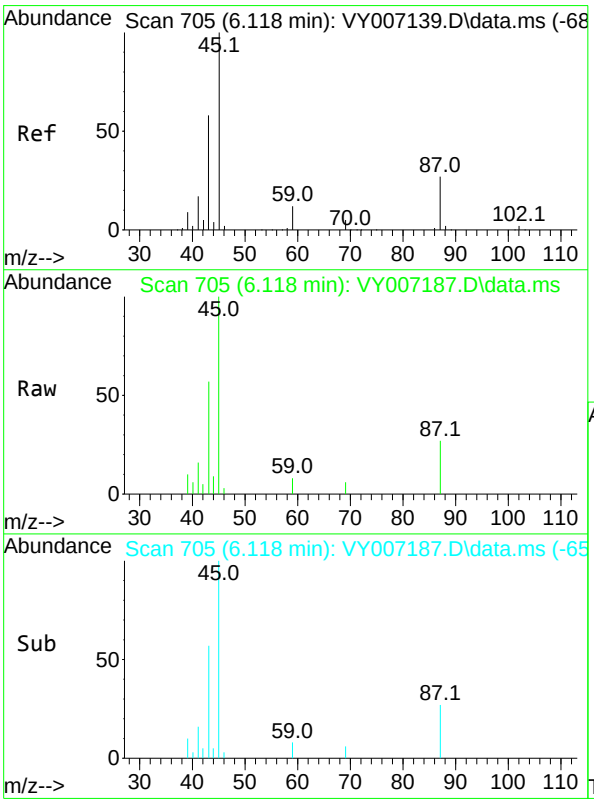
#20
Methylene Chloride
Concen: 1.210 ug/l
RT: 4.722 min Scan# 4
Delta R.T. 0.012 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 84 Resp: 1904

Ion	Ratio	Lower	Upper
84	100		
49	112.9	92.6	139.0
51	66.6	28.6	42.8#
86	200.6	50.1	75.1#

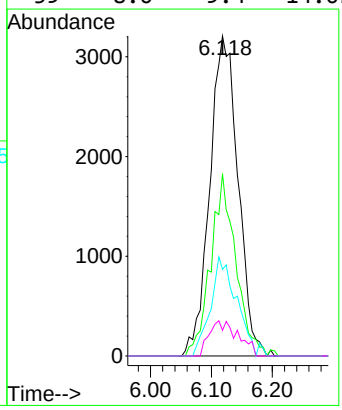


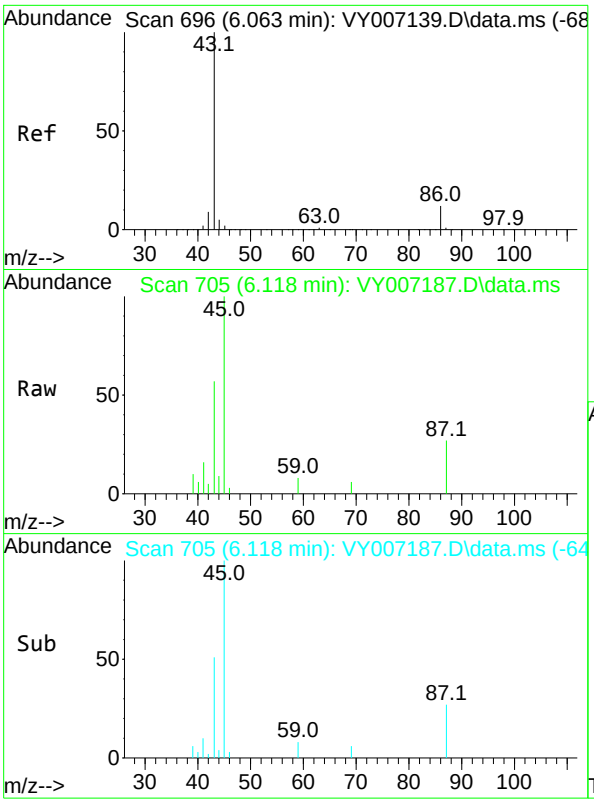


#22
Diisopropyl ether
Concen: 2.357 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 45 Resp: 10353

Ion	Ratio	Lower	Upper
45	100		
43	57.0	45.6	68.4
87	27.0	22.2	33.2
59	8.0	9.4	14.0#



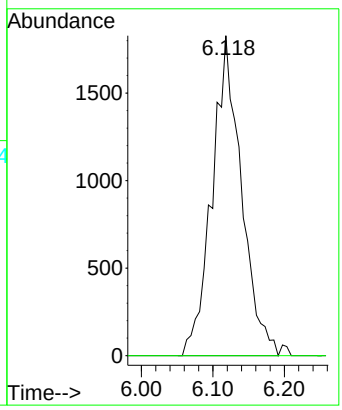


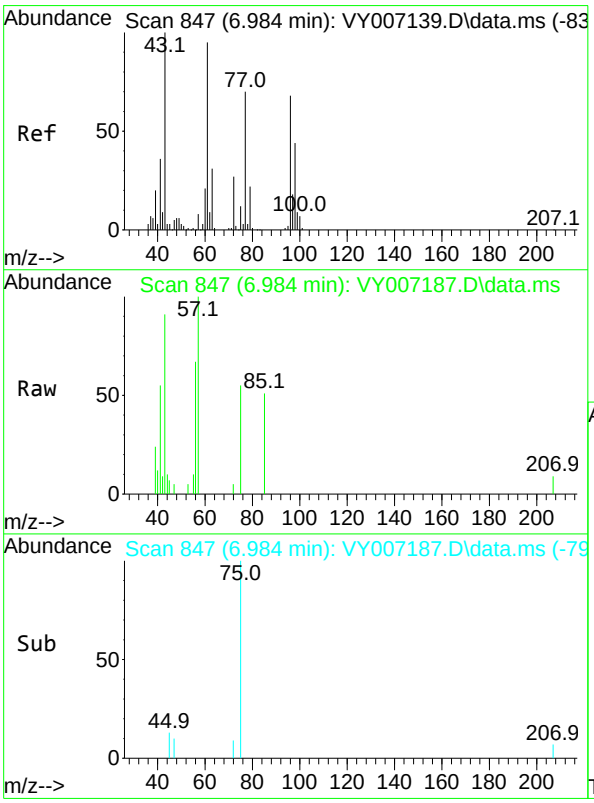
#23
Vinyl Acetate
Concen: 2.013 ug/l
RT: 6.118 min Scan# 7
Delta R.T. 0.055 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 43 Resp: 5201

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.0	13.6#

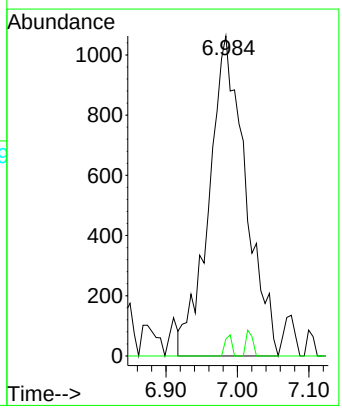


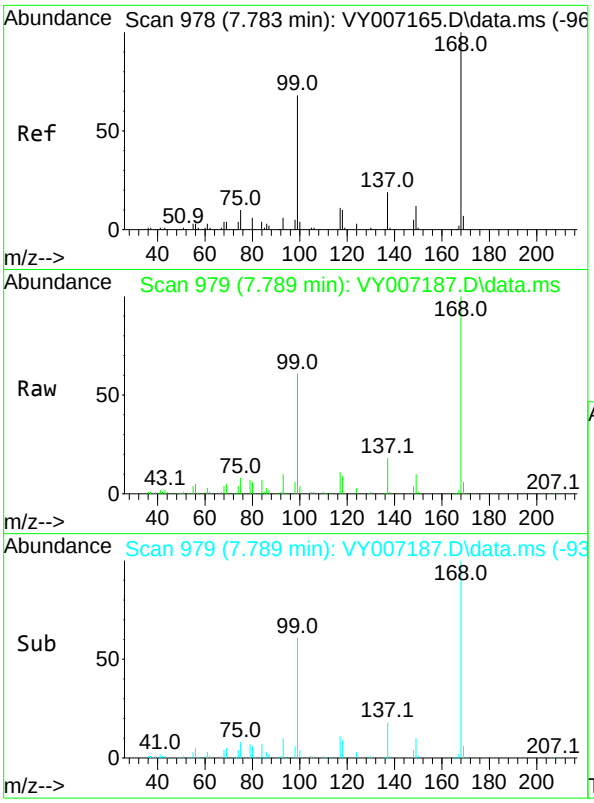


#25
2-Butanone
Concen: 7.671 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 43 Resp: 3774

Ion	Ratio	Lower	Upper
43	100		
72	5.3	21.9	32.9#



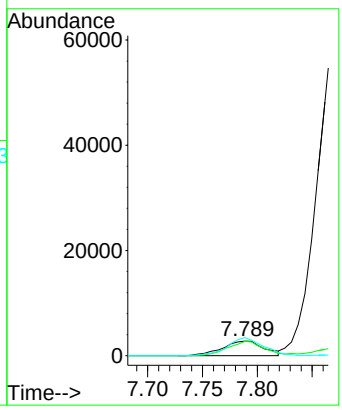


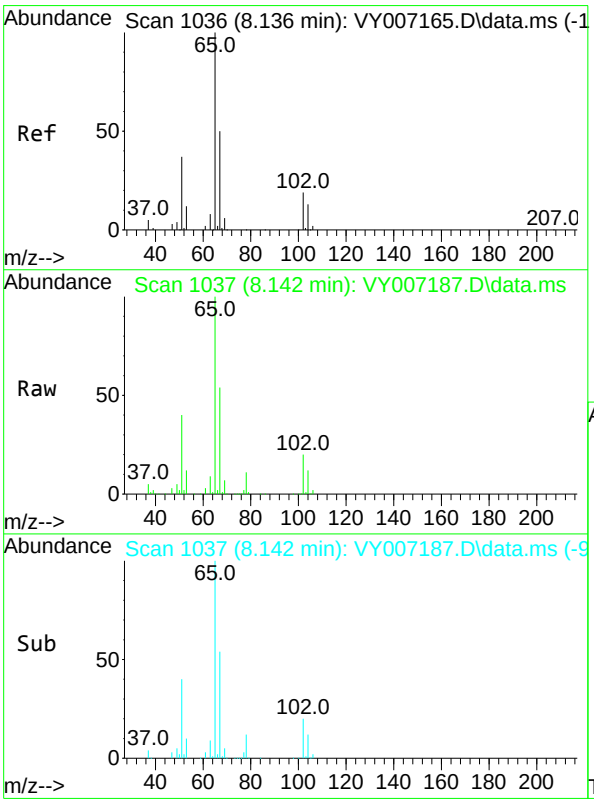
#31
Cyclohexane
Concen: 2.937 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 56 Resp: 7280

Ion	Ratio	Lower	Upper
56	100		
69	97.4	27.2	40.8#
84	123.6	72.1	108.1#

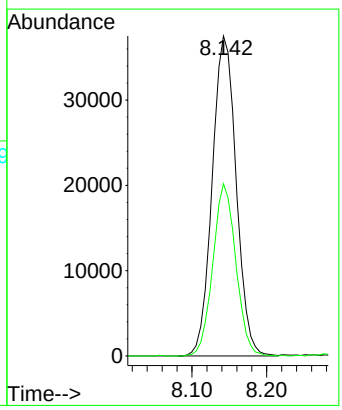


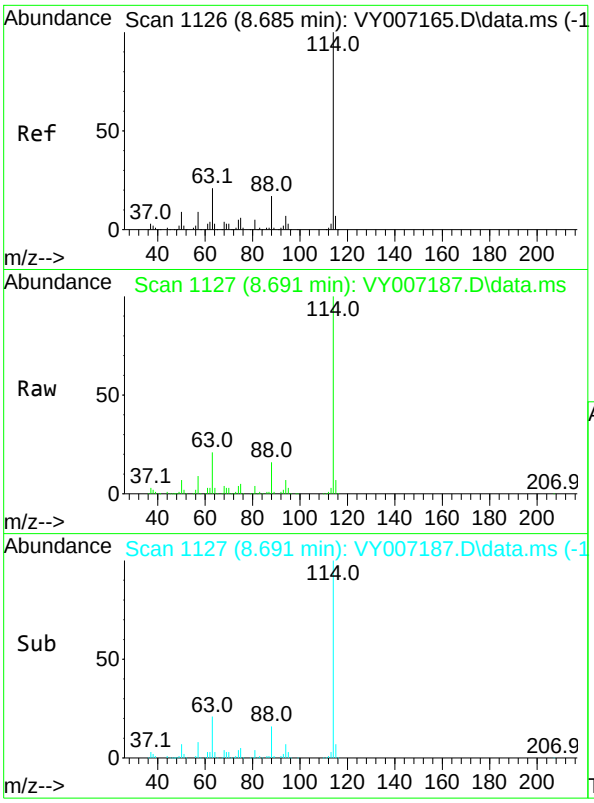


#33
1,2-Dichloroethane-d4
Concen: 57.086 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 65 Resp: 83702

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.6



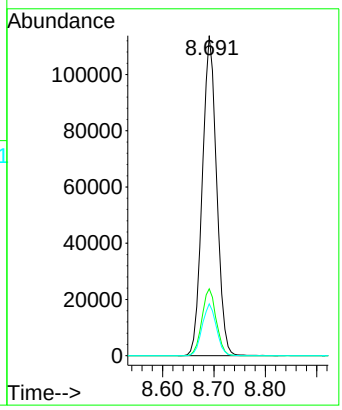


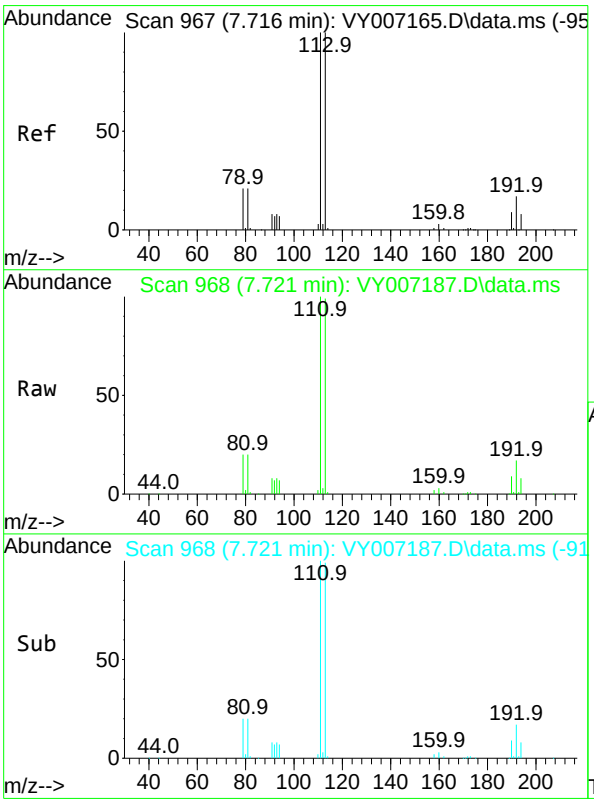
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:114 Resp: 219863

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.2
88	16.2	0.0	31.0

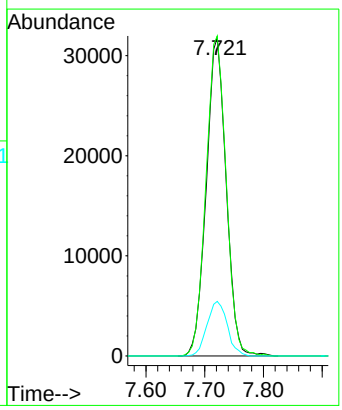


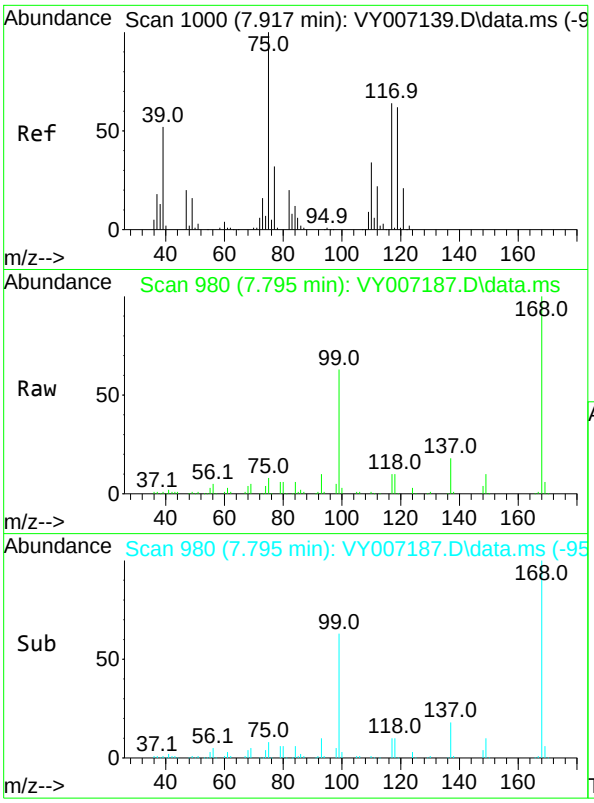


#35
Dibromofluoromethane
Concen: 50.219 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:113 Resp: 74659

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	17.5	14.2	21.4



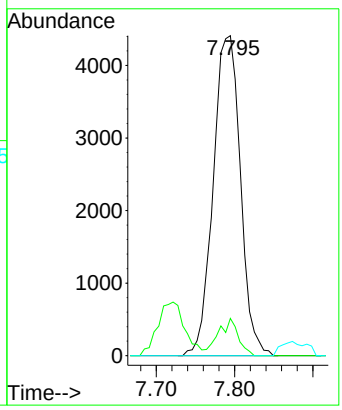


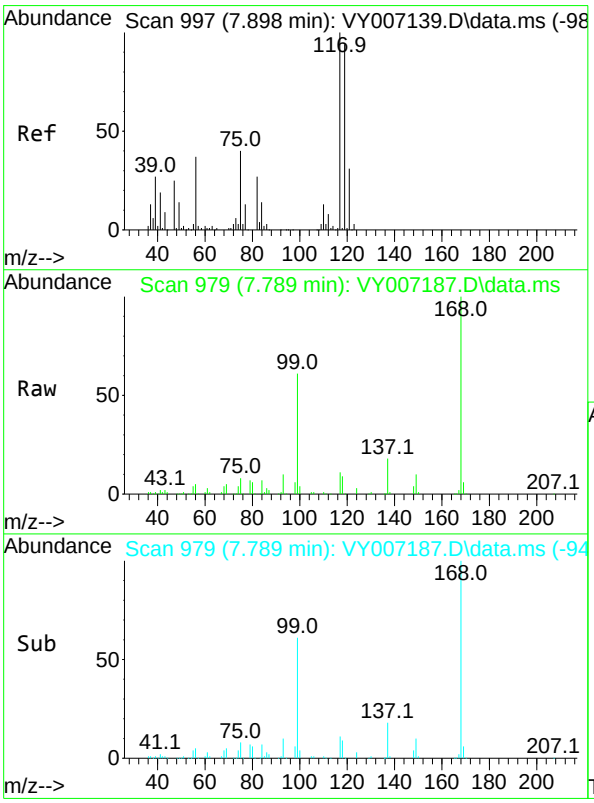
#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 75 Resp: 10647

Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.9#
77	0.0	24.7	37.1#

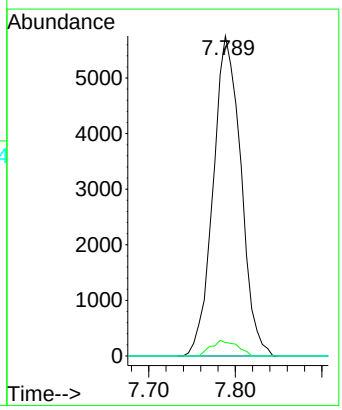


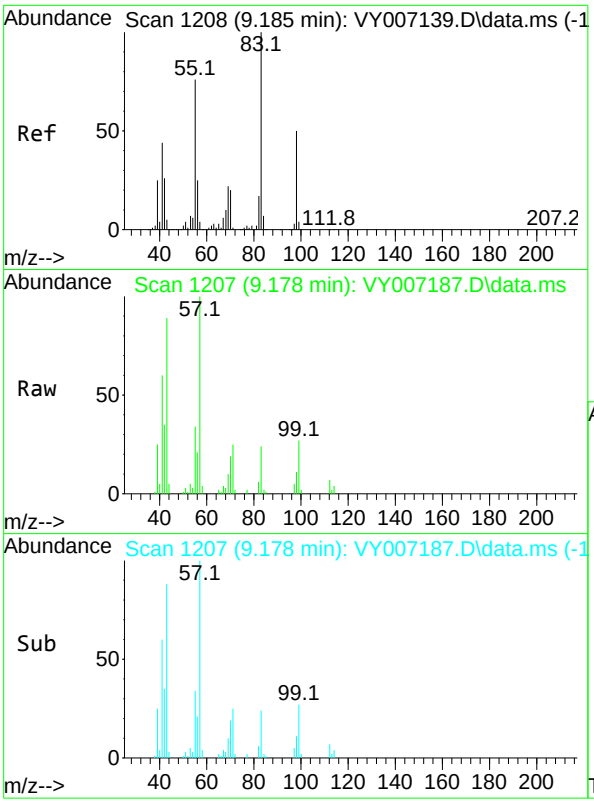


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:117 Resp: 12798

Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.2	115.8#
121	0.0	24.2	36.2#



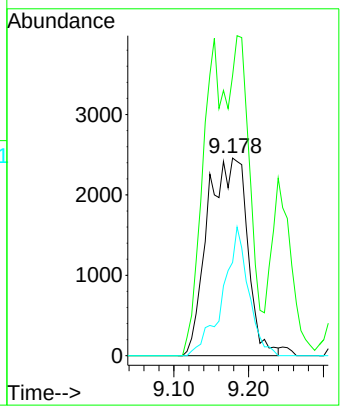


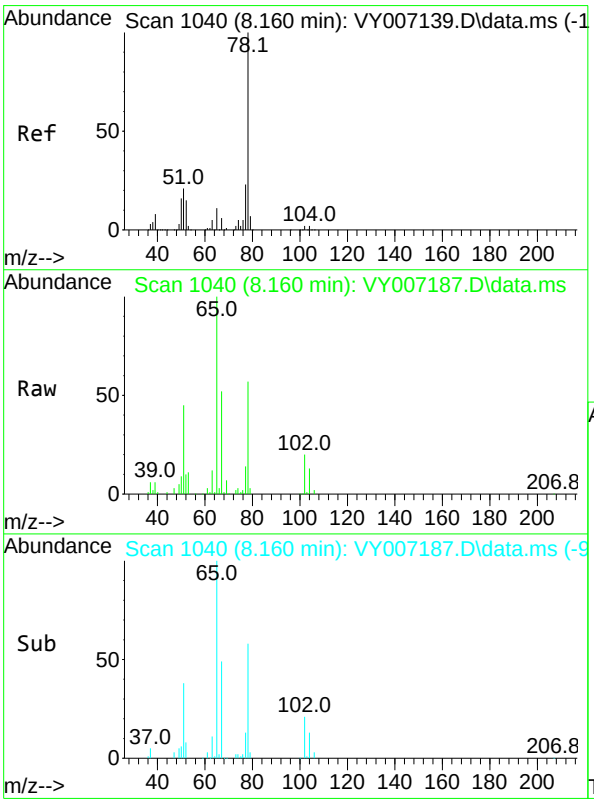
#39
Methylcyclohexane
Concen: 3.142 ug/l
RT: 9.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 83 Resp: 9109

Ion	Ratio	Lower	Upper
83	100		
55	141.8	58.8	88.2#
98	47.2	38.7	58.1

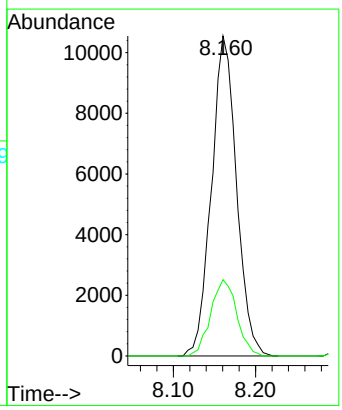


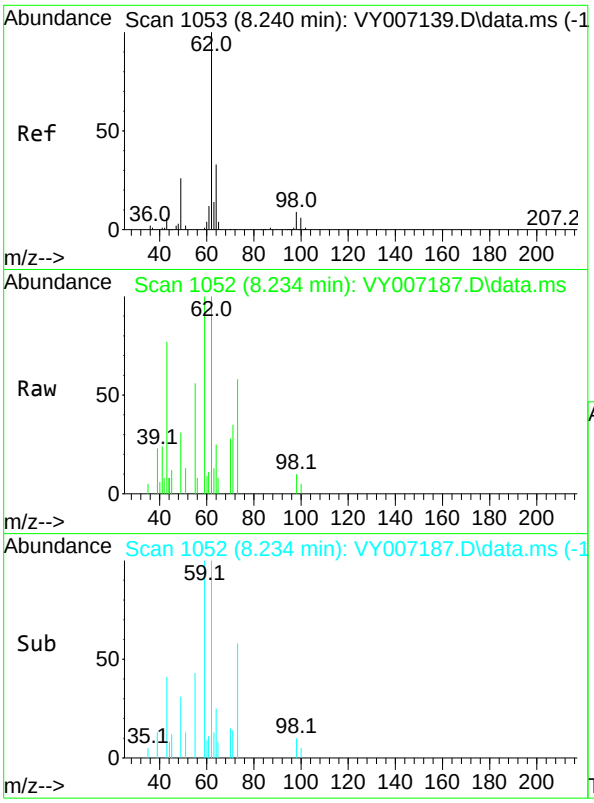


#40
Benzene
Concen: 3.530 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 78 Resp: 22360

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8



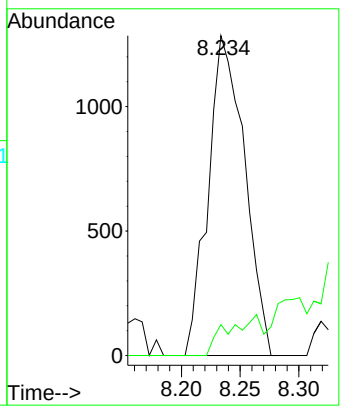


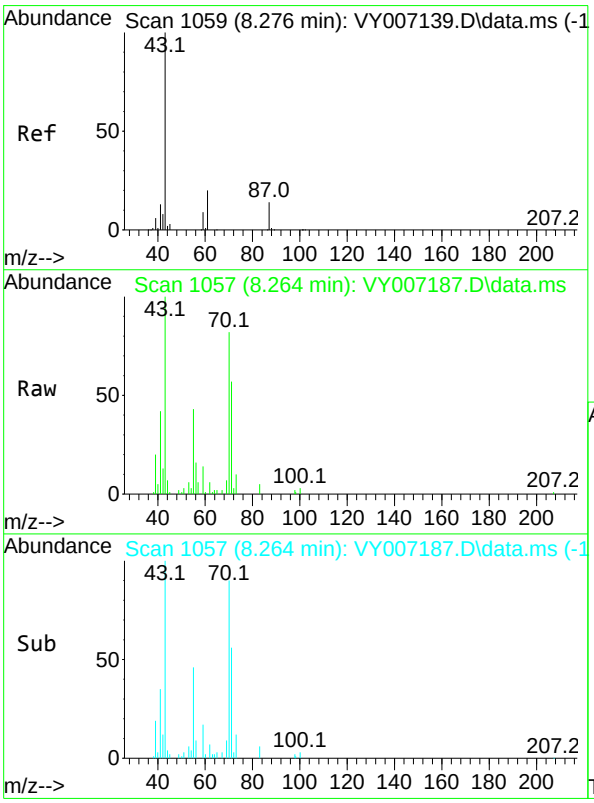
#42
1,2-Dichloroethane
Concen: 1.391 ug/l
RT: 8.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 62 Resp: 2774

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2

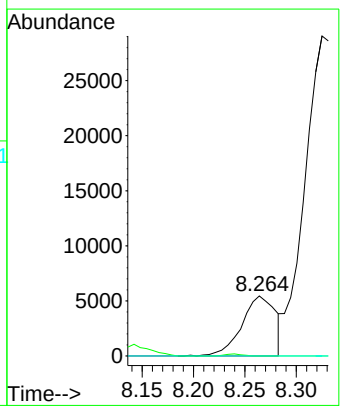


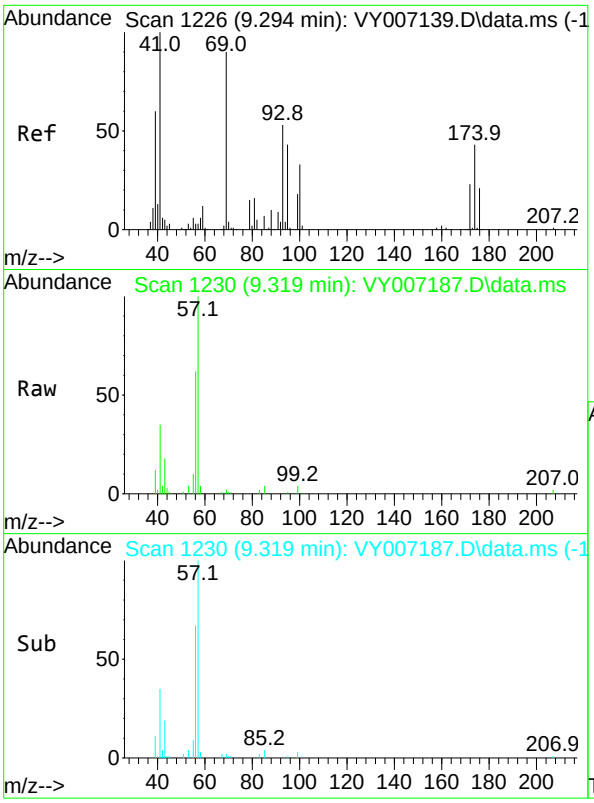


#43
Isopropyl Acetate
Concen: 5.218 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 43 Resp: 12372

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	11.6	17.4#



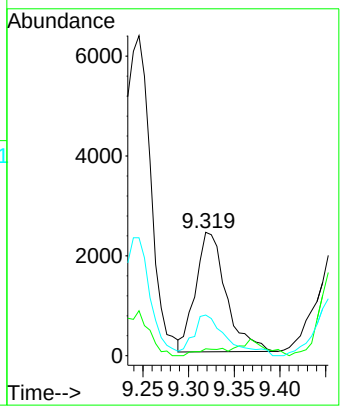


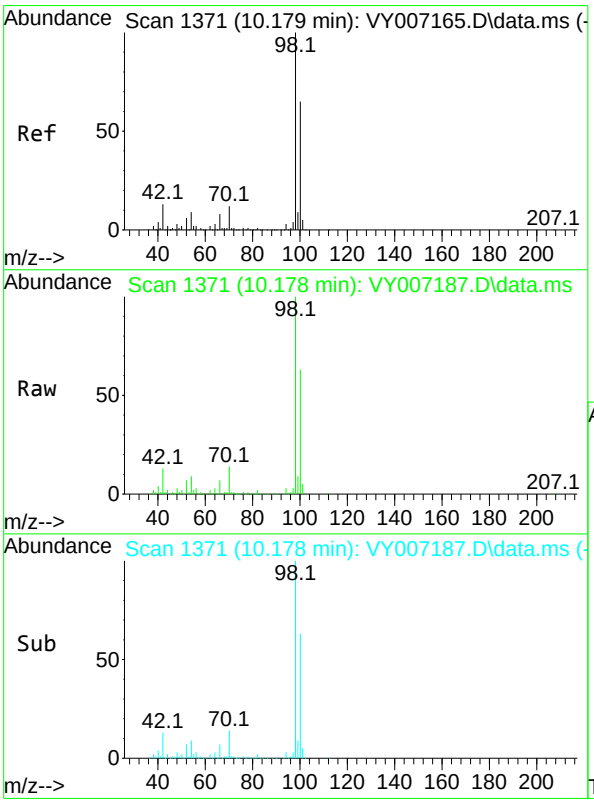
#48
Methyl methacrylate
Concen: 5.163 ug/l
RT: 9.319 min Scan# 1
Delta R.T. 0.024 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 41 Resp: 5568

Ion	Ratio	Lower	Upper
41	100		
69	4.1	70.5	105.7#
39	37.1	43.8	65.8#

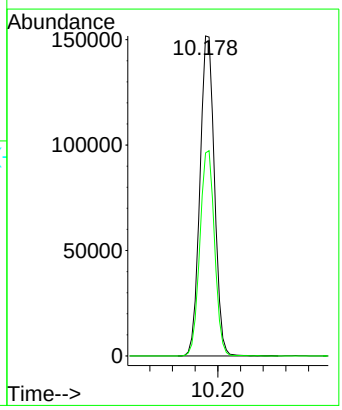


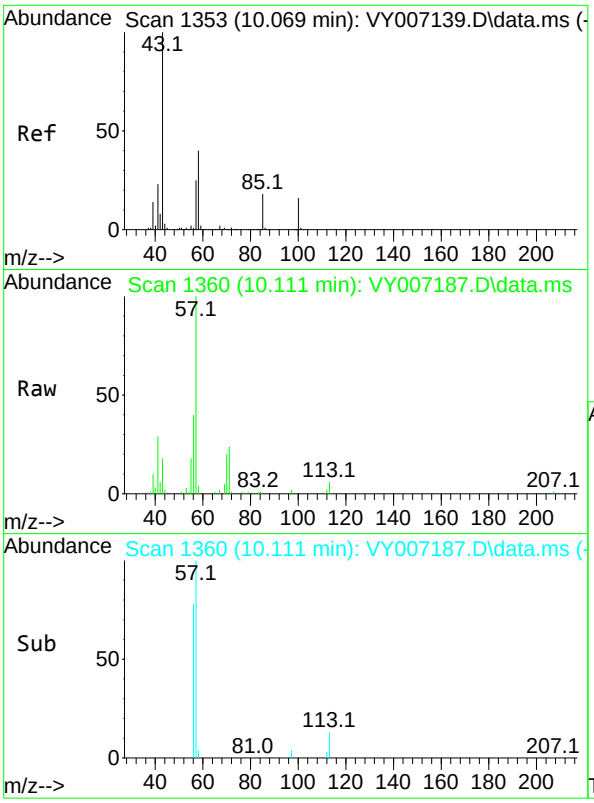


#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 98 Resp: 269934

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



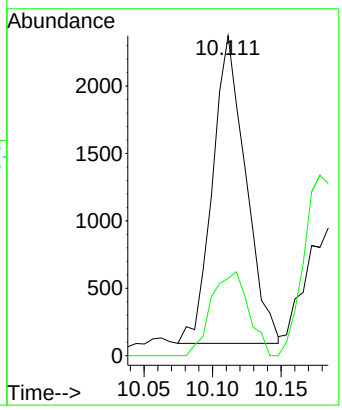


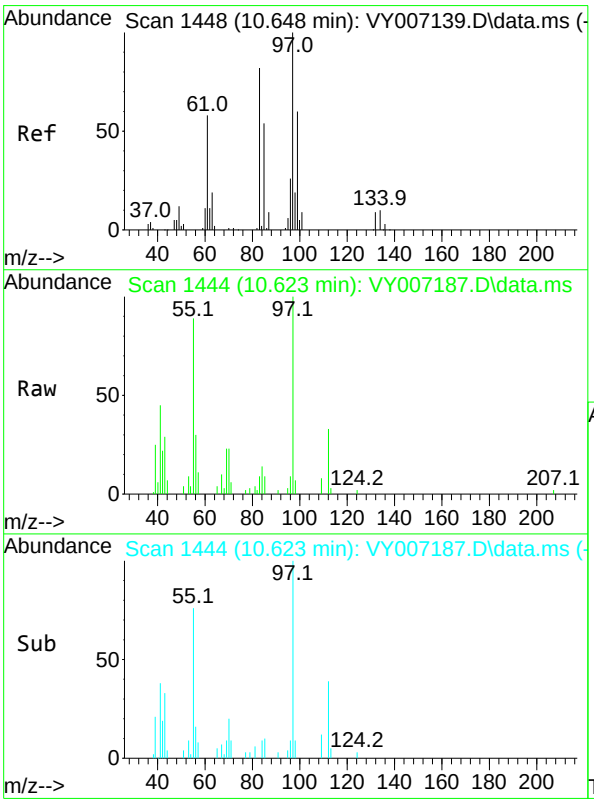
#51
4-Methyl-2-Pentanone
Concen: 3.197 ug/l
RT: 10.111 min Scan# 1
Delta R.T. 0.043 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 43 Resp: 3843

Ion	Ratio	Lower	Upper
43	100		
58	30.7	32.8	49.2#

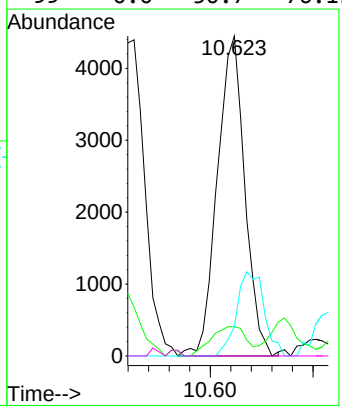


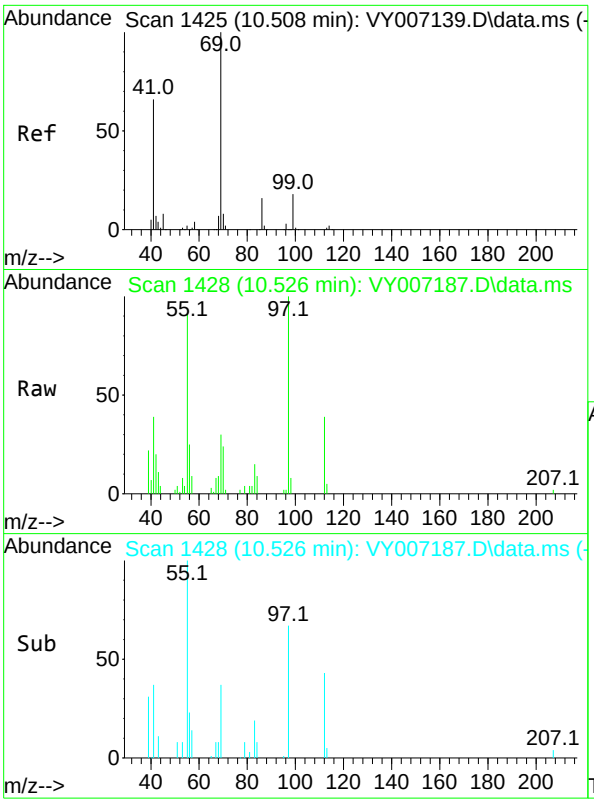


#55
1,1,2-Trichloroethane
Concen: 6.394 ug/l
RT: 10.623 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 97 Resp: 8260

Ion	Ratio	Lower	Upper
97	100		
83	7.6	67.0	100.4#
85	9.1	41.2	61.8#
99	0.0	50.7	76.1#



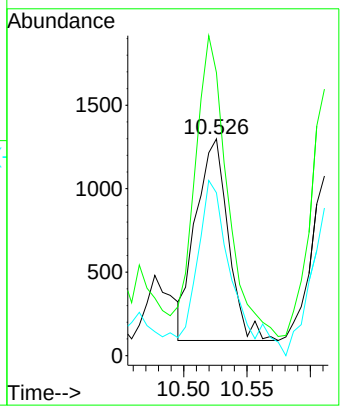


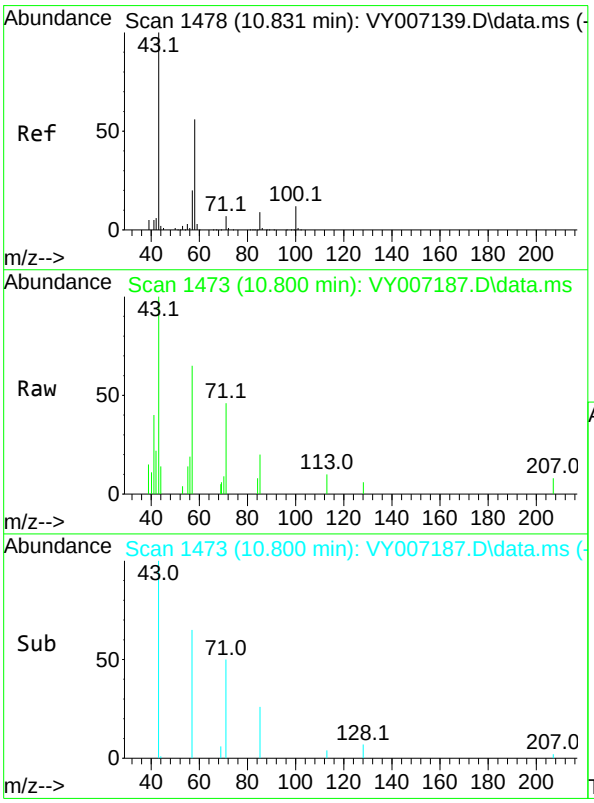
#56
Ethyl methacrylate
Concen: 1.185 ug/l
RT: 10.526 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 69 Resp: 2157

Ion	Ratio	Lower	Upper
69	100		
41	157.5	49.4	74.0#
39	92.4	27.7	41.5#

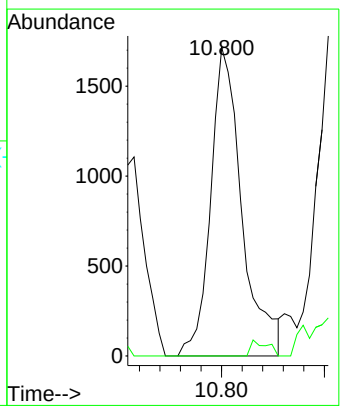


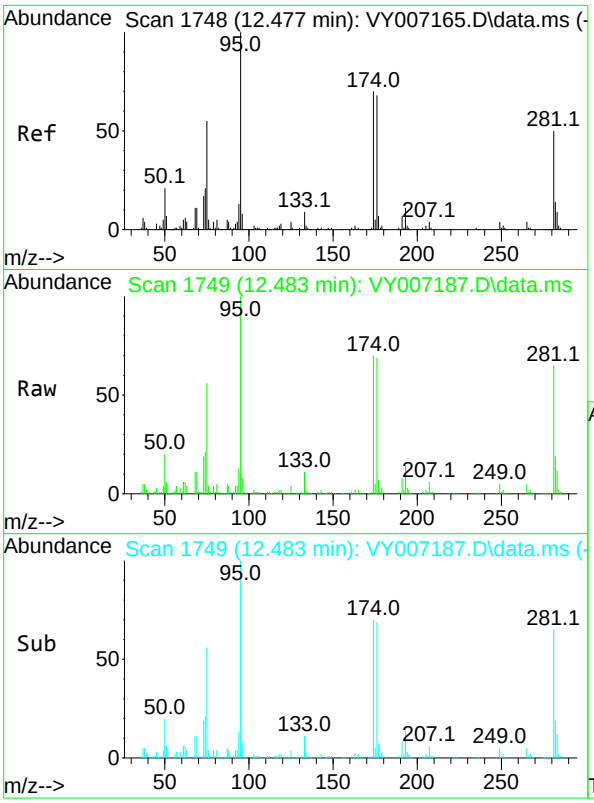


#59
2-Hexanone
Concen: 4.456 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 43 Resp: 3636

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.3#



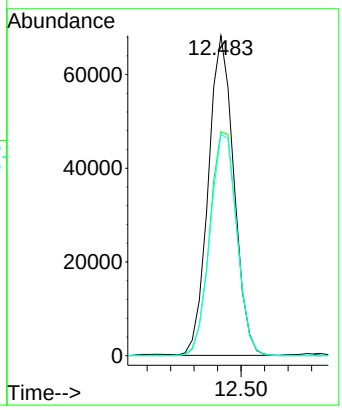


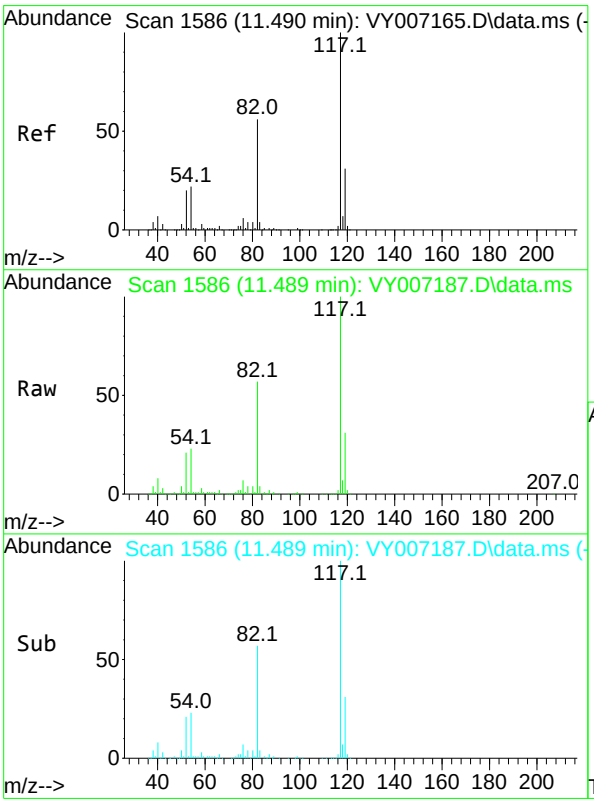
#62
4-Bromofluorobenzene
Concen: 53.386 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 95 Resp: 103159

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	148.4
176	73.2	0.0	146.6

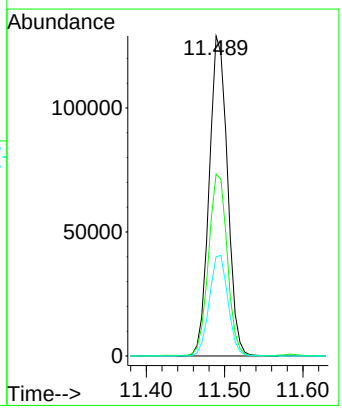


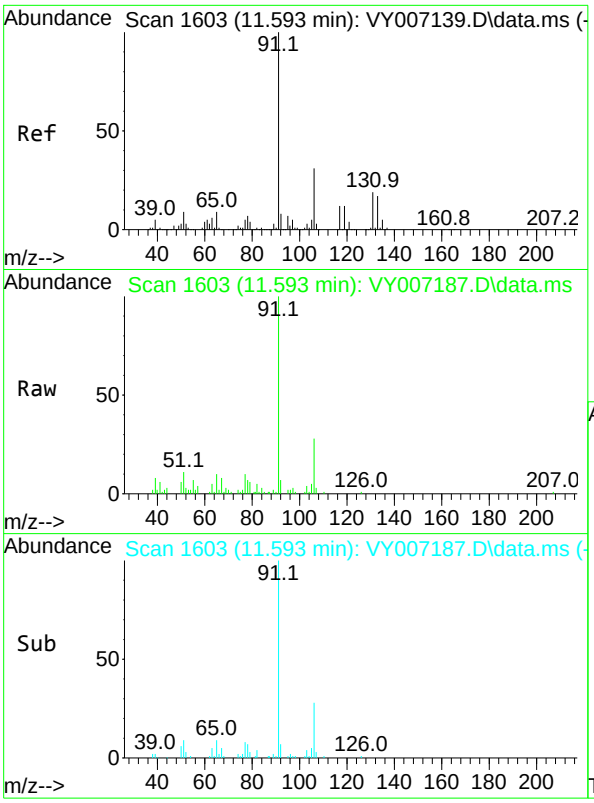


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:117 Resp: 209211

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.4	68.0
119	31.1	26.4	39.6



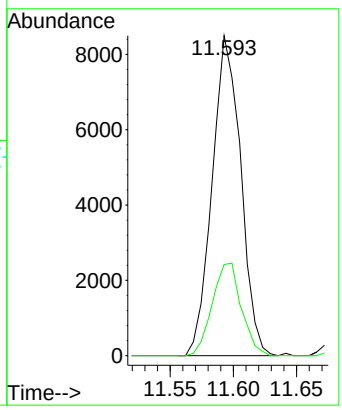


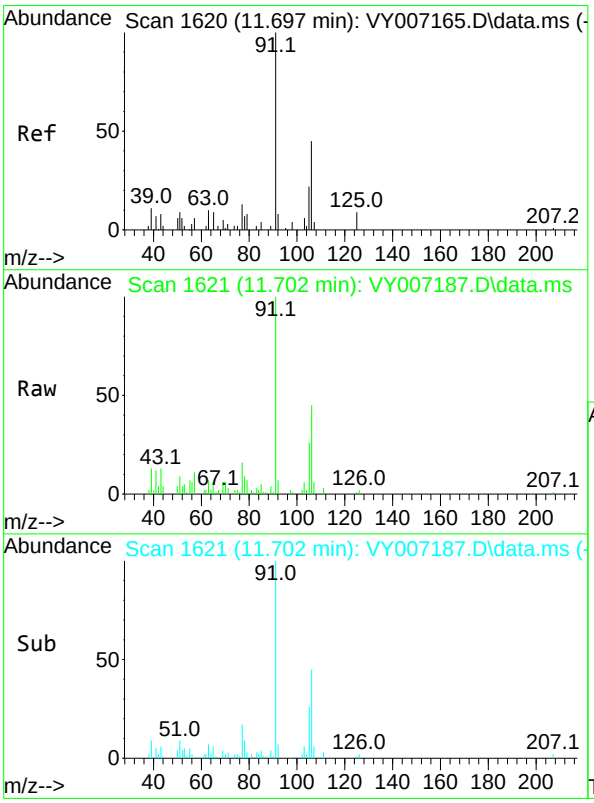
#67
Ethyl Benzene
Concen: 1.552 ug/l
RT: 11.593 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 91 Resp: 13344

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.9	35.9

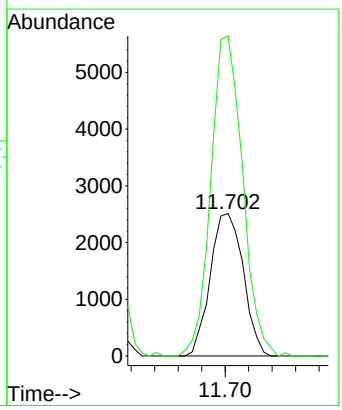


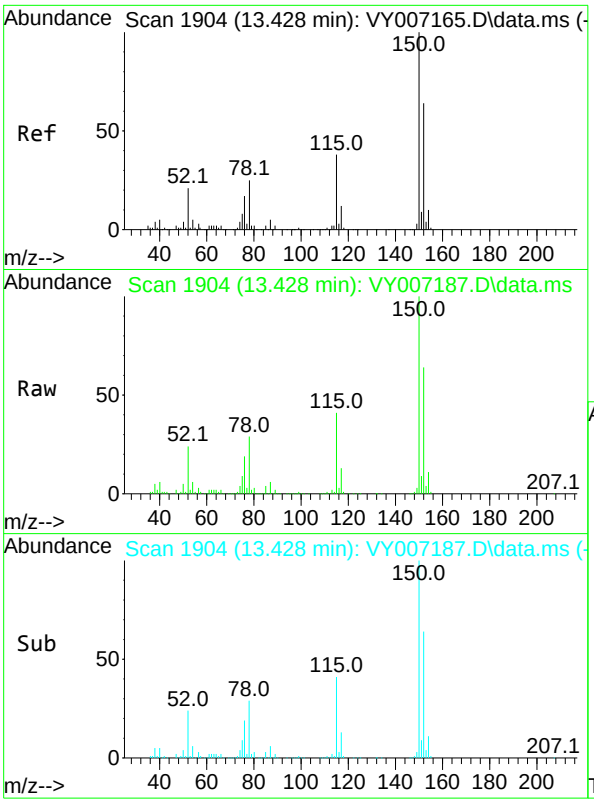


#68
m/p-Xylenes
Concen: 1.532 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:106 Resp: 4894

Ion	Ratio	Lower	Upper
106	100		
91	216.8	167.1	250.7



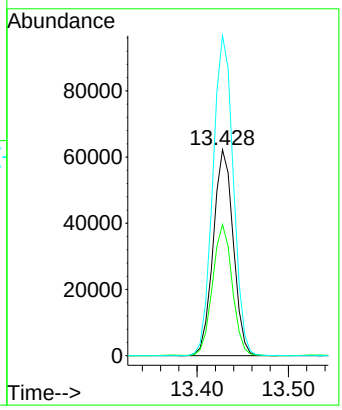


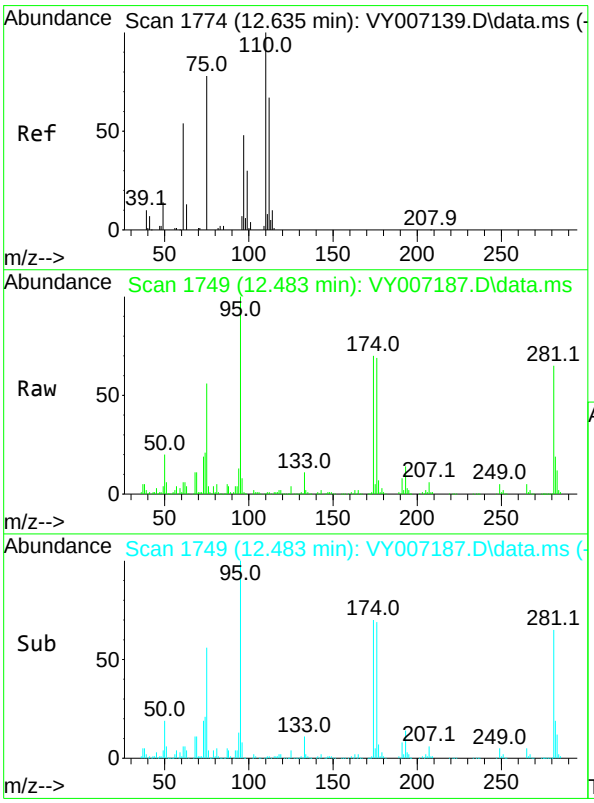
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:152 Resp: 94597

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.4	94.0
150	158.8	0.0	348.4

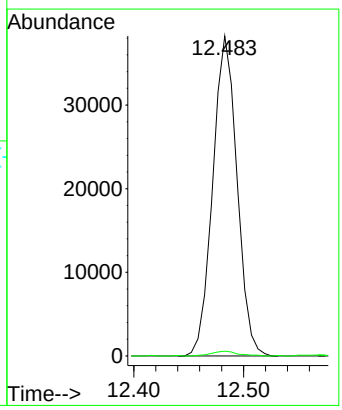


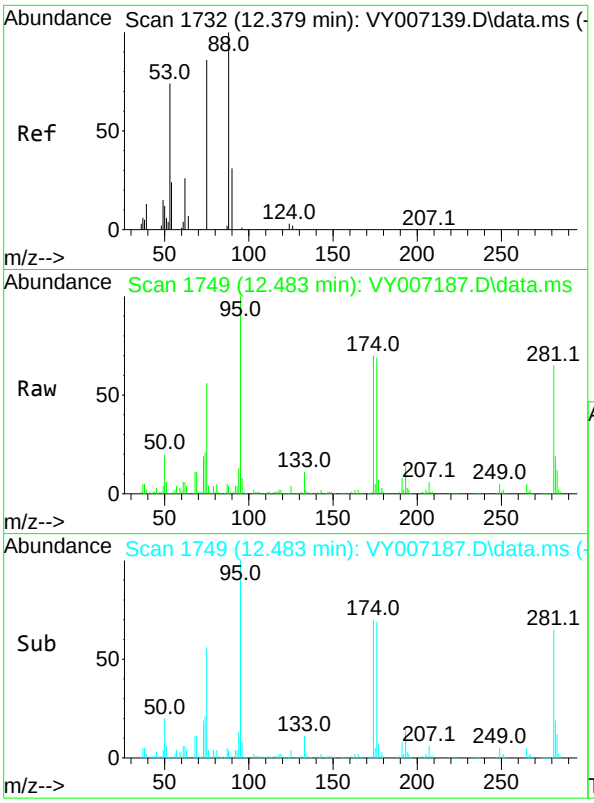


#76
1,2,3-Trichloropropane
Concen: 54.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 75 Resp: 58904

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



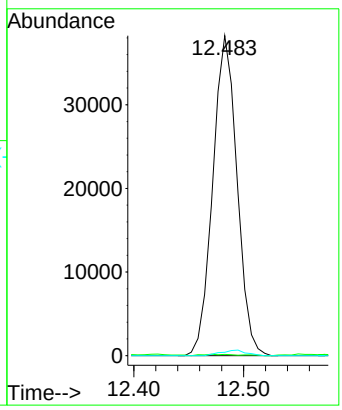


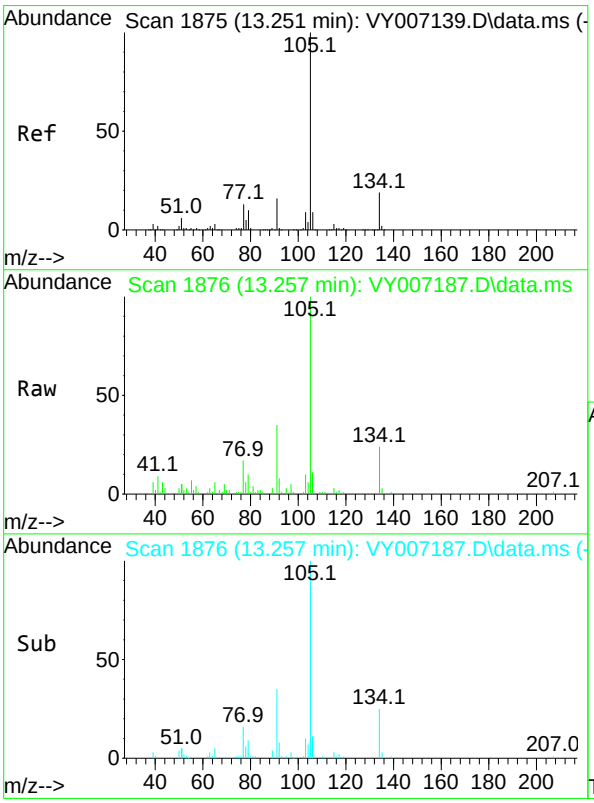
#81
trans-1,4-Dichloro-2-butene
Concen: 99.974 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 75 Resp: 58904

Ion	Ratio	Lower	Upper
75	100		
53	0.5	73.9	110.9#
89	0.0	0.0	0.0

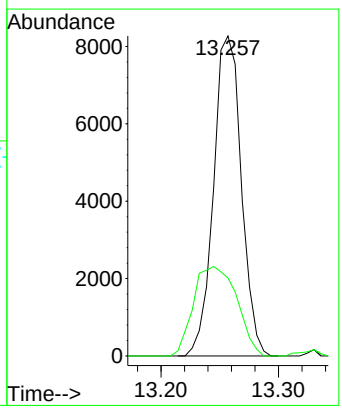


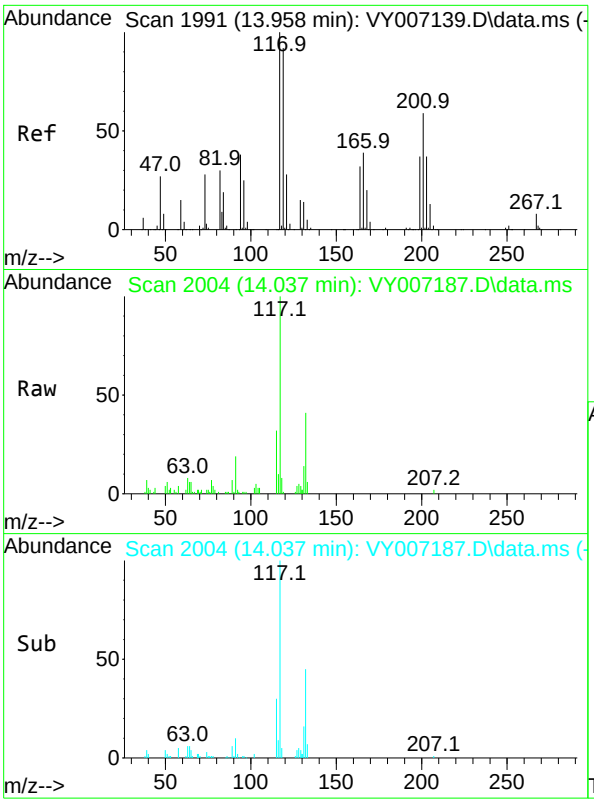


#85
sec-Butylbenzene
Concen: 1.568 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:105 Resp: 13596

Ion	Ratio	Lower	Upper
105	100		
134	43.5	9.9	29.7#



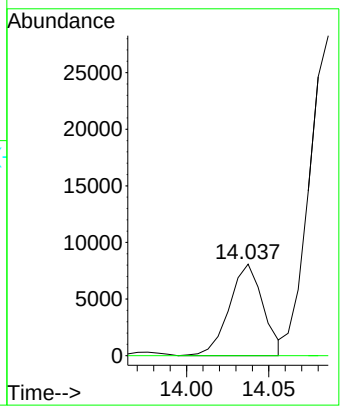


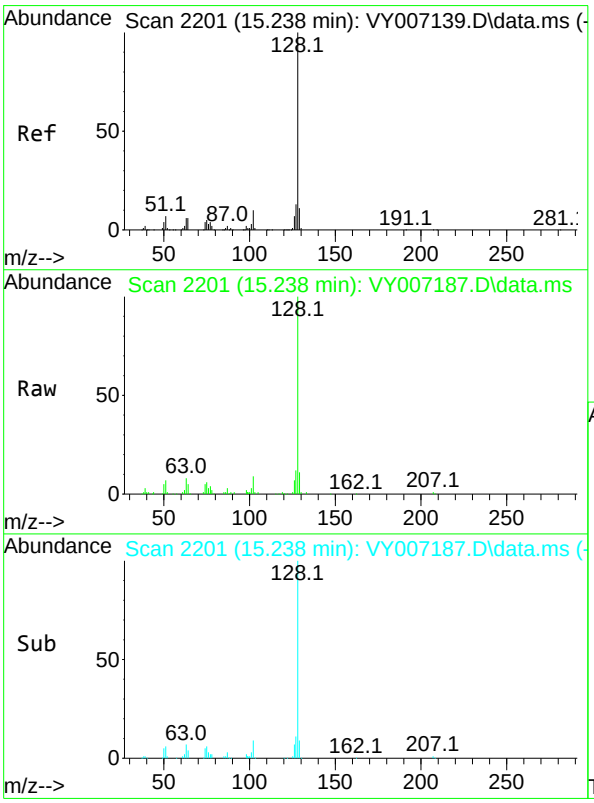
#90
Hexachloroethane
Concen: 8.331 ug/l
RT: 14.037 min Scan# 2
Delta R.T. 0.079 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:117 Resp: 11607

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.6	100.6#





#95
Naphthalene
Concen: 9.957 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:128 Resp: 39819

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.3	8.9	13.3