Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007520.D
Acq On : 17 Feb 2022 14:17
Operator : SY/MD
Sample : N1465-03
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Quant Time: Feb 18 07:38:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

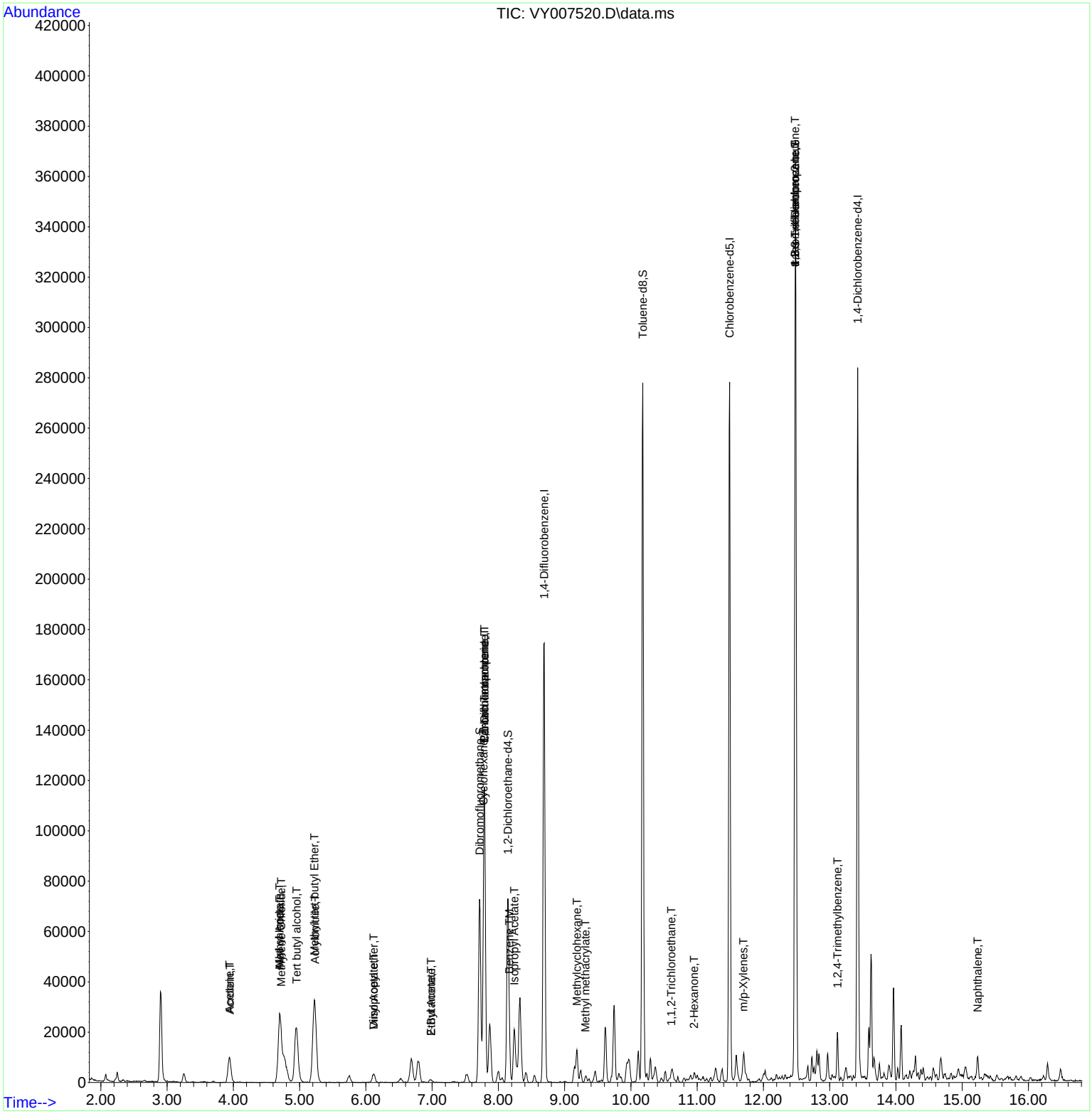
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	87563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53258	55.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.180%			
35) Dibromofluoromethane	7.716	113	50445	52.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.200%			
50) Toluene-d8	10.179	98	182935	49.742	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.477	95	67940	54.482	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.960%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	483	Below Cal		97
5) Bromomethane	2.686	94	289	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	48982	647.710	ug/l #	95
13) Acrolein	3.948	56	1874	24.677	ug/l #	82
14) Allyl chloride	4.698	41	12802	9.580	ug/l #	68
15) Acrylonitrile	5.235	53	899	3.814	ug/l #	17
16) Acetone	3.942	43	7365	28.715	ug/l #	79
18) Methyl Acetate	4.698	43	30010	53.431	ug/l #	56
19) Methyl tert-butyl Ether	5.222	73	50333	19.088	ug/l #	83
20) Methylene Chloride	4.723	84	2242	2.133	ug/l #	74
22) Diisopropyl ether	6.119	45	3863	1.375	ug/l #	87
23) Vinyl Acetate	6.119	43	2438	1.360	ug/l #	75
25) 2-Butanone	6.984	43	758	2.387	ug/l #	54
31) Cyclohexane	7.777	56	4849	2.836	ug/l #	89
36) 1,1-Dichloropropene	7.789	75	6276	4.001	ug/l #	45
37) Ethyl Acetate	6.984	43	758	1.069	ug/l #	72
38) Carbon Tetrachloride	7.789	117	9222	5.173	ug/l #	14
39) Methylcyclohexane	9.185	83	3305	1.623	ug/l #	81
40) Benzene	8.167	78	14151	3.281	ug/l #	90
43) Isopropyl Acetate	8.240	43	5730	3.980	ug/l #	59
48) Methyl methacrylate	9.313	41	843	1.321	ug/l #	35
55) 1,1,2-Trichloroethane	10.612	97	1673	1.981	ug/l #	24
59) 2-Hexanone	10.953	43	1165	2.257	ug/l	71
68) m/p-Xylenes	11.697	106	2796	1.215	ug/l	93
76) 1,2,3-Trichloropropane	12.477	75	37143	46.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37143	96.368	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.117	105	10593	2.147	ug/l	98
95) Naphthalene	15.233	128	7661	2.597	ug/l	98

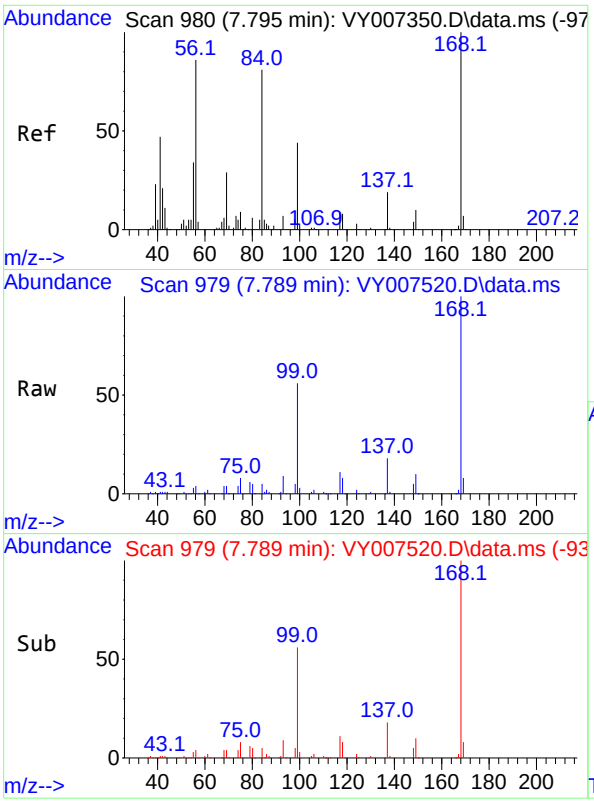
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007520.D
Acq On : 17 Feb 2022 14:17
Operator : SY/MD
Sample : N1465-03
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Quant Time: Feb 18 07:38:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration



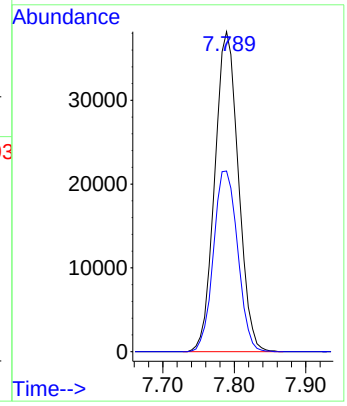


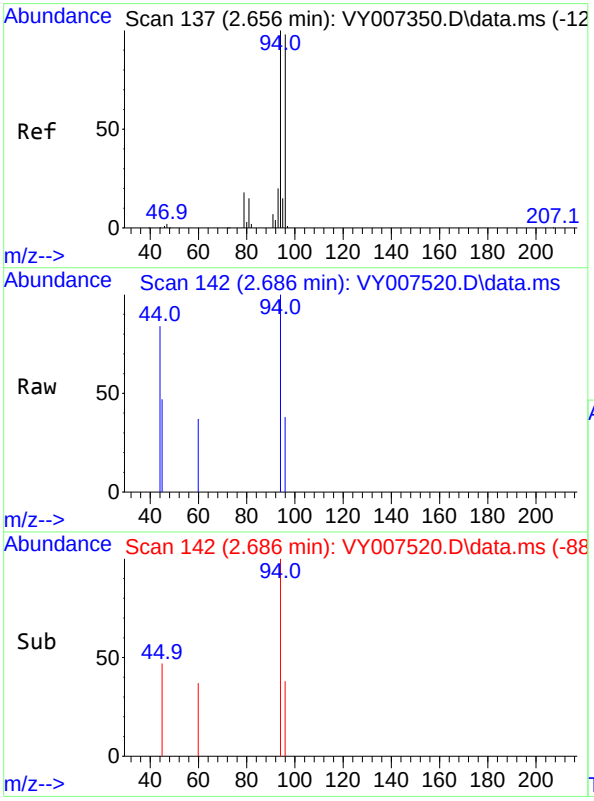
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion:168 Resp: 87563

Ion	Ratio	Lower	Upper
168	100		
99	56.5	46.9	70.3

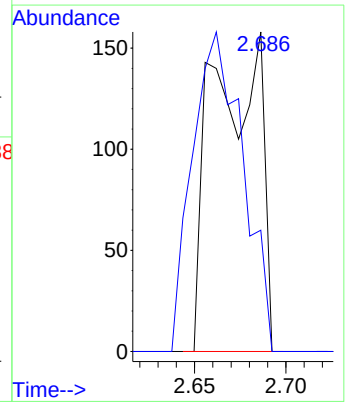


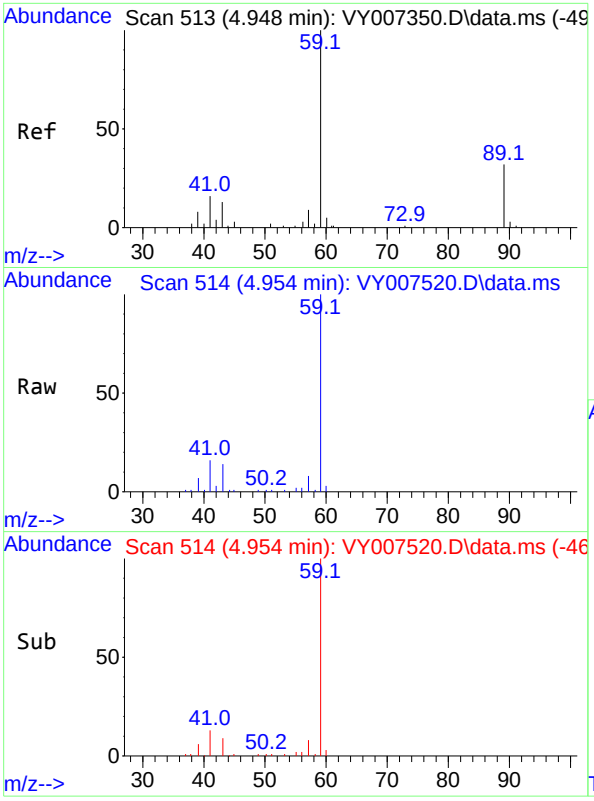


#5
Bromomethane
Concen: Below Cal
RT: 2.686 min Scan# 142
Delta R.T. 0.030 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 94 Resp: 289

Ion	Ratio	Lower	Upper
94	100		
96	38.0	73.5	110.3#



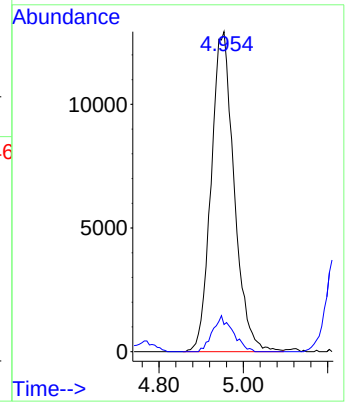


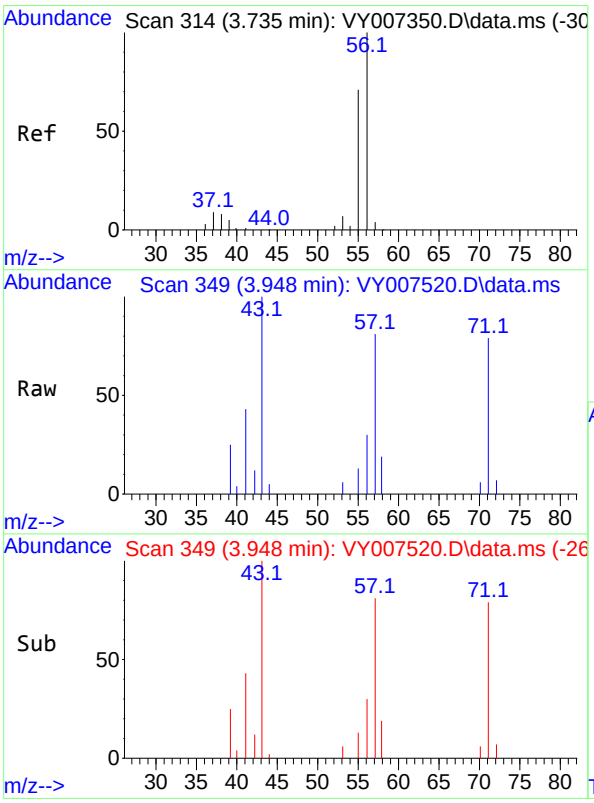
#11
Tert butyl alcohol
Concen: 647.710 ug/l
RT: 4.954 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 59 Resp: 48982

Ion	Ratio	Lower	Upper
59	100		
57	9.9	6.4	9.6#

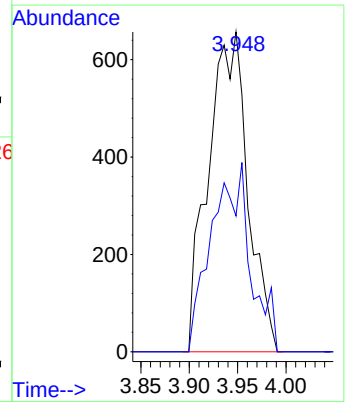


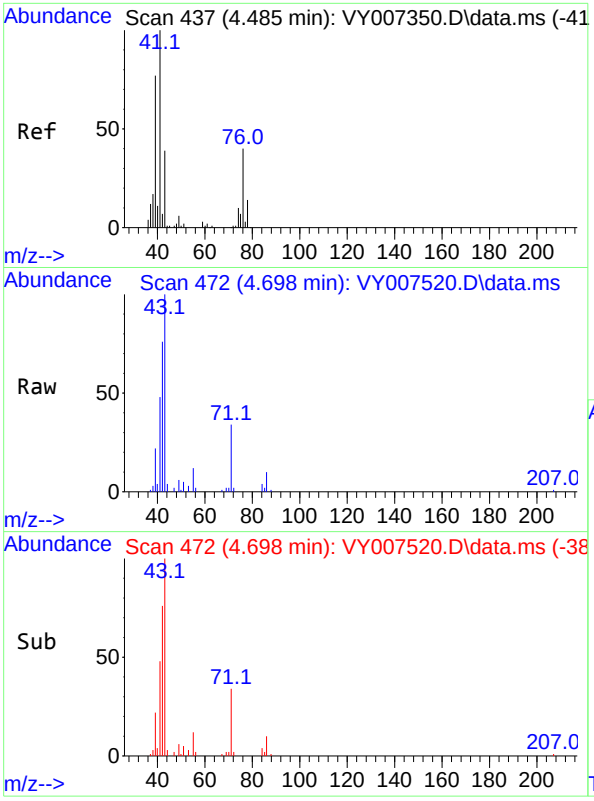


#13
Acrolein
Concen: 24.677 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.213 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 56 Resp: 1874

Ion	Ratio	Lower	Upper
56	100		
55	57.3	57.6	86.4#



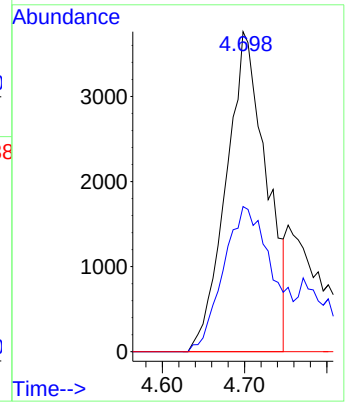


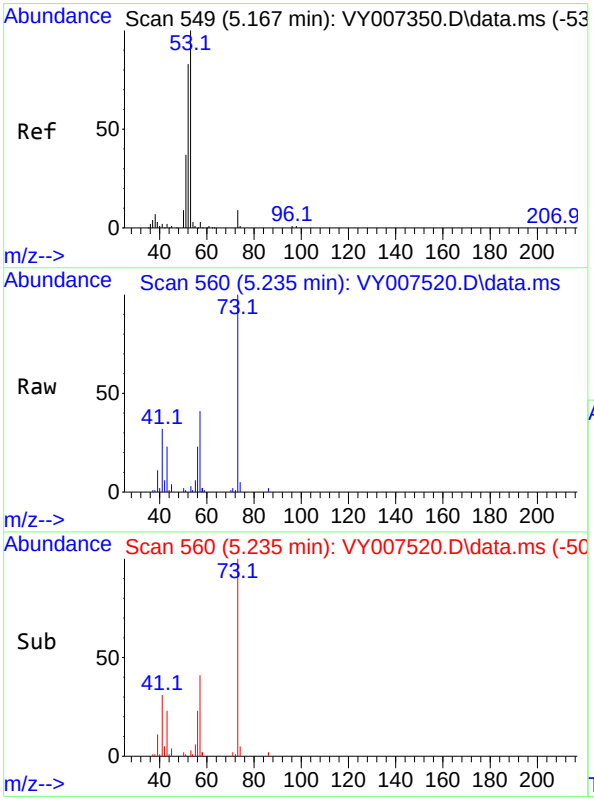
#14
Allyl chloride
Concen: 9.580 ug/l
RT: 4.698 min Scan# 4
Delta R.T. 0.213 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 41 Resp: 12802

Ion	Ratio	Lower	Upper
41	100		
39	55.9	58.8	88.2#
76	0.0	25.1	37.7#

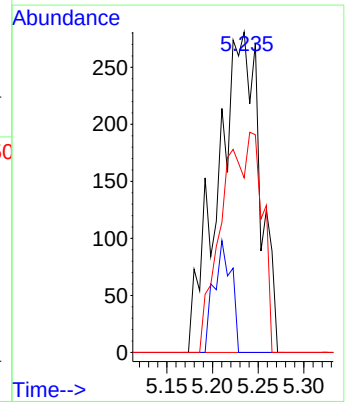


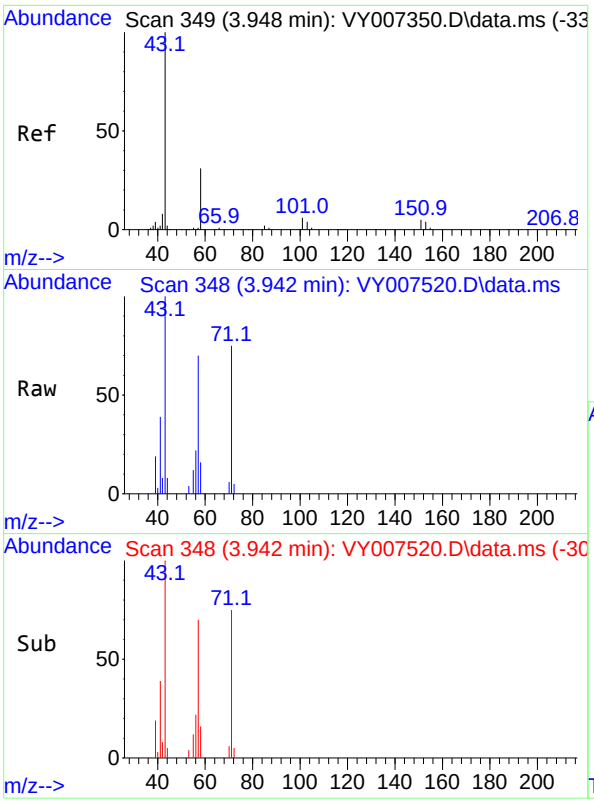


#15
Acrylonitrile
Concen: 3.814 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.068 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 53 Resp: 899

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.0	100.4#
51	0.0	29.8	44.6#



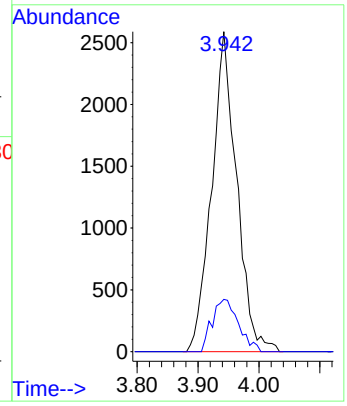


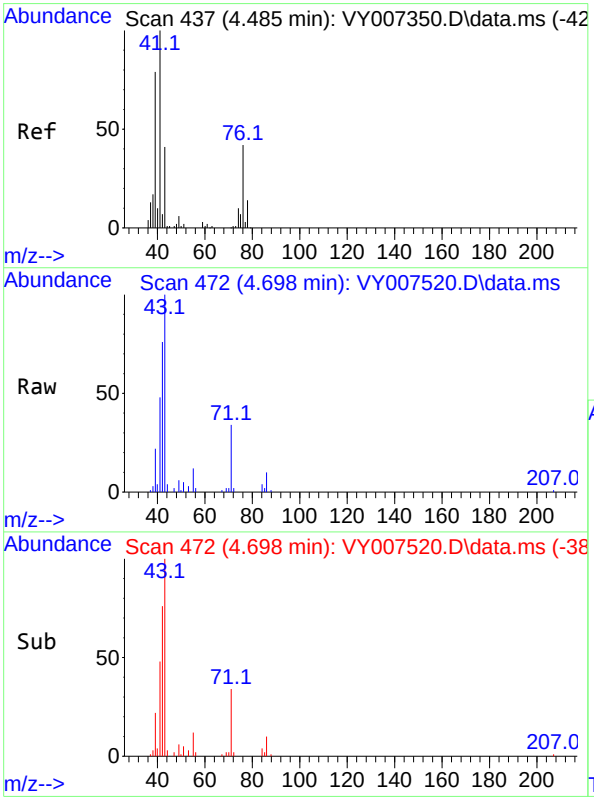
#16
Acetone
Concen: 28.715 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 43 Resp: 7365

Ion	Ratio	Lower	Upper
43	100		
58	16.3	22.0	33.0#

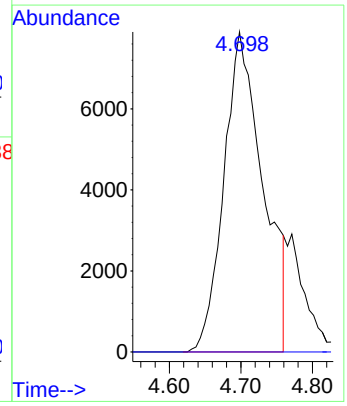


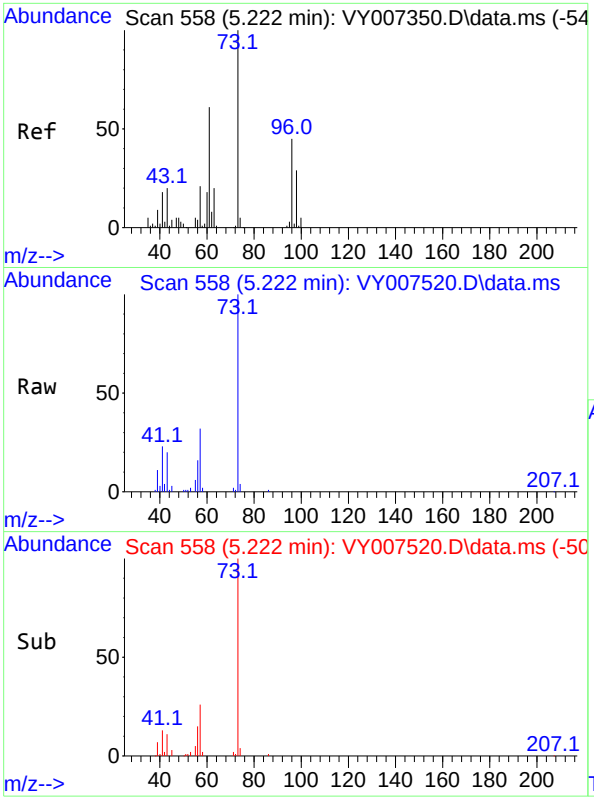


#18
Methyl Acetate
Concen: 53.431 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.213 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 43 Resp: 30010

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



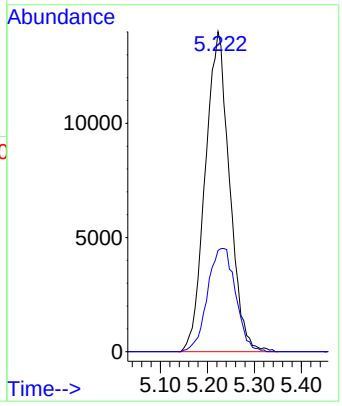


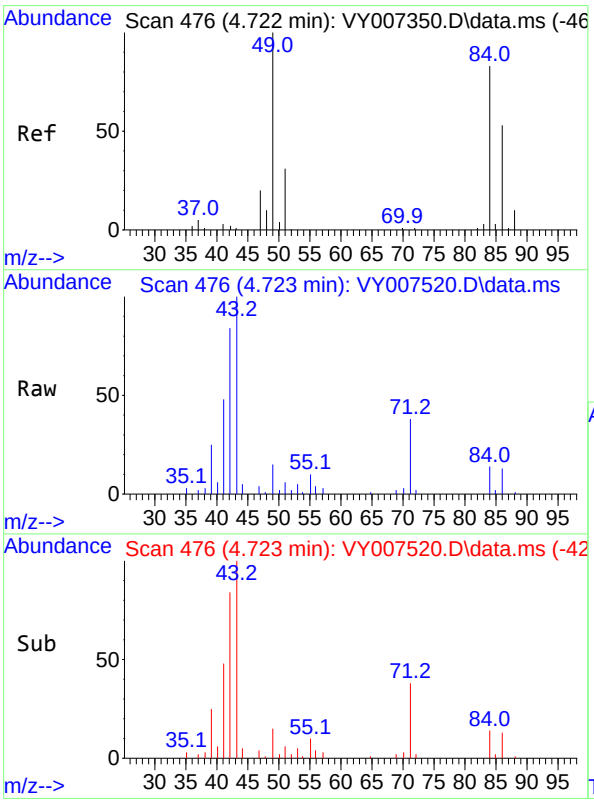
#19
Methyl tert-butyl Ether
Concen: 19.088 ug/l
RT: 5.222 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 73 Resp: 50333

Ion	Ratio	Lower	Upper
73	100		
57	31.7	18.6	27.8#

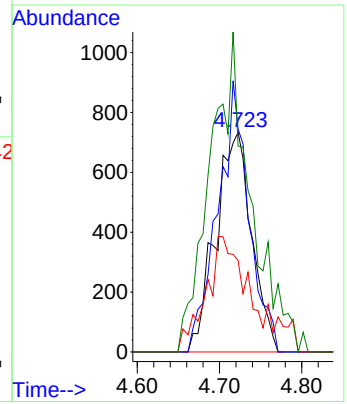


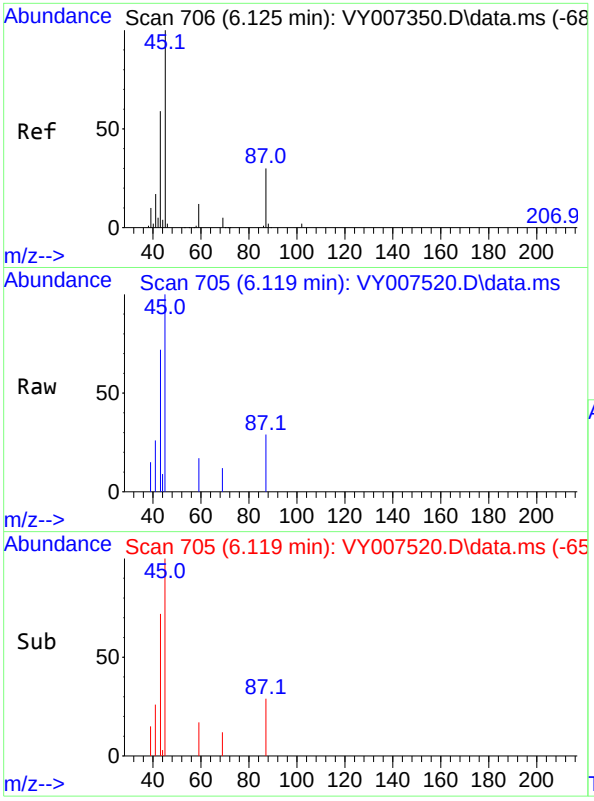


#20
Methylene Chloride
Concen: 2.133 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 84 Resp: 2242

Ion	Ratio	Lower	Upper
84	100		
49	101.5	114.4	171.6#
51	31.1	35.3	52.9#
86	78.1	53.7	80.5



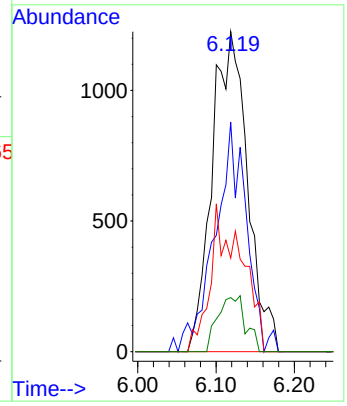


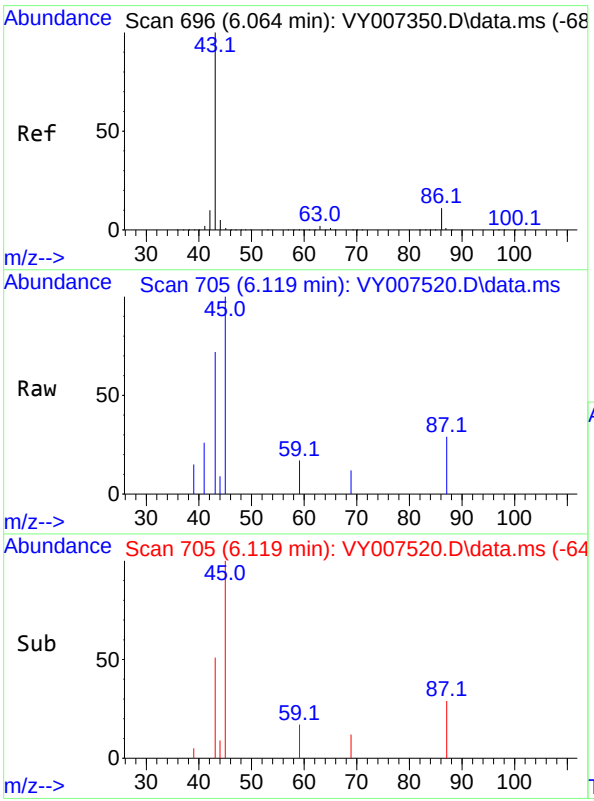
#22
Diisopropyl ether
Concen: 1.375 ug/l
RT: 6.119 min Scan# 7
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 45 Resp: 3863

Ion	Ratio	Lower	Upper
45	100		
43	71.7	49.3	73.9
87	29.2	19.2	28.8#
59	16.9	8.4	12.6#

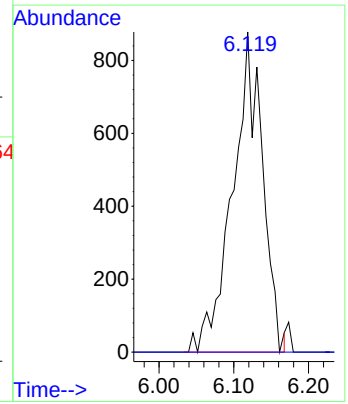


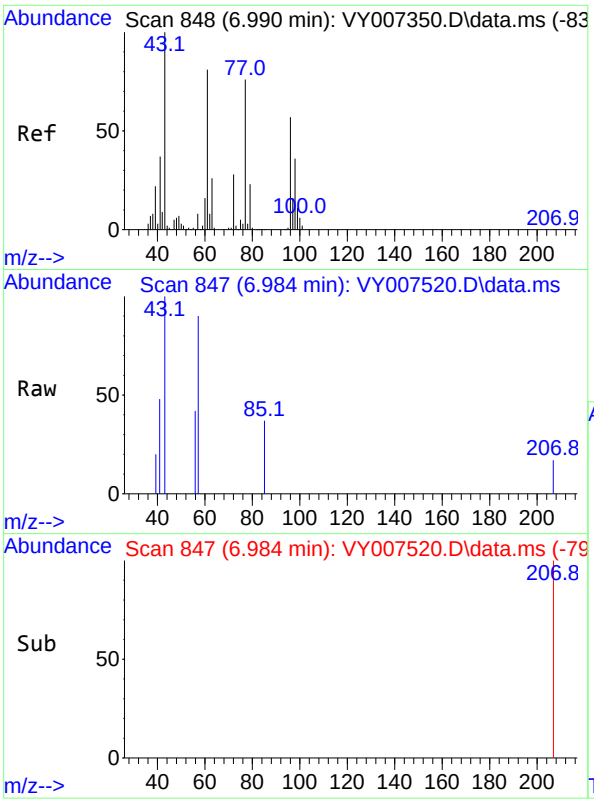


#23
Vinyl Acetate
Concen: 1.360 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.055 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 43 Resp: 2438

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



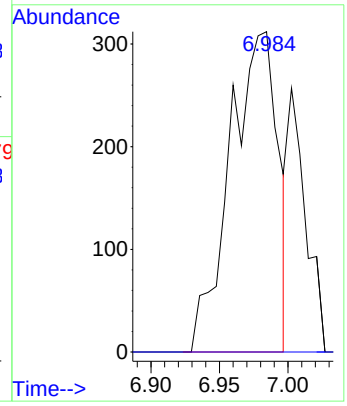


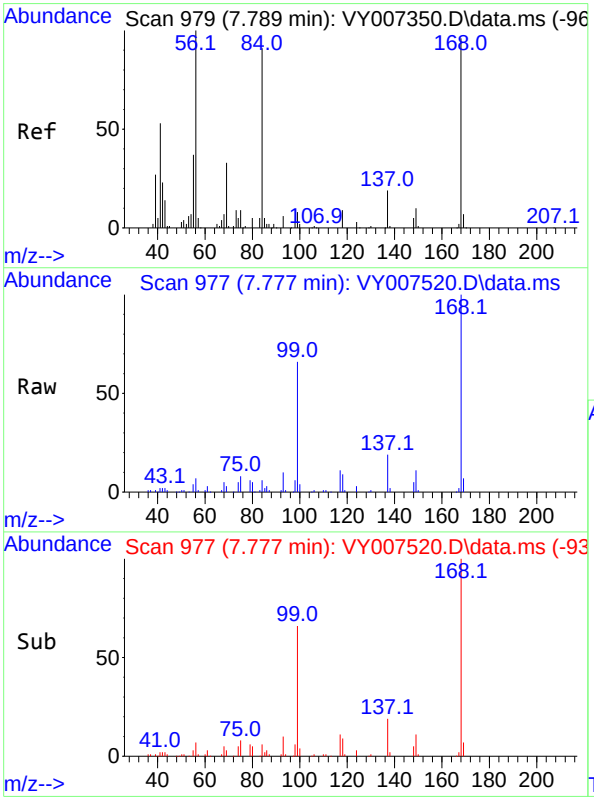
#25
2-Butanone
Concen: 2.387 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 43 Resp: 758

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

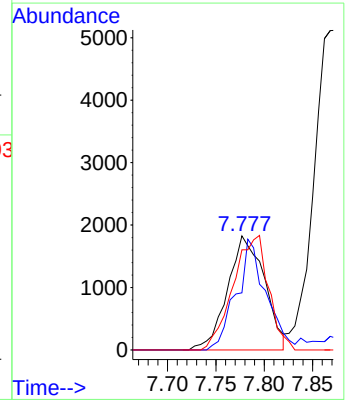


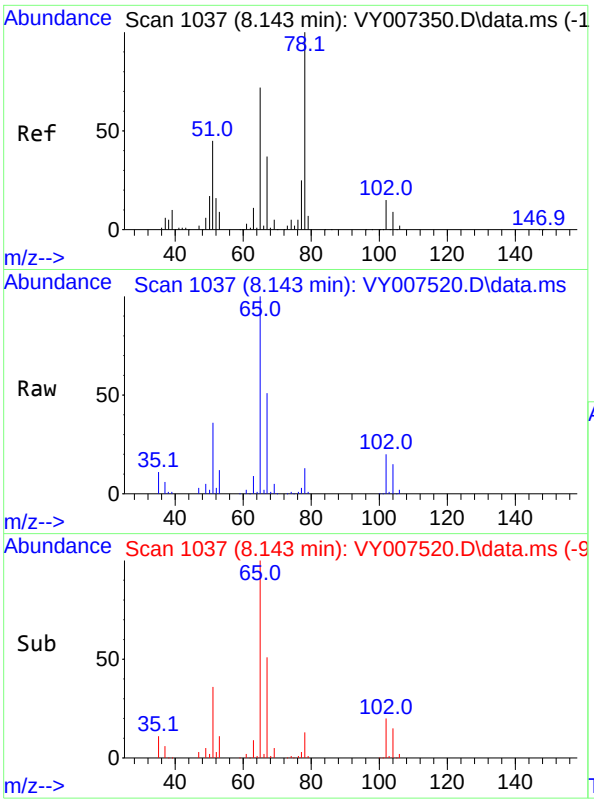


#31
Cyclohexane
Concen: 2.836 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 56 Resp: 4849

Ion	Ratio	Lower	Upper
56	100		
69	50.1	26.7	40.1#
84	87.8	67.2	100.8



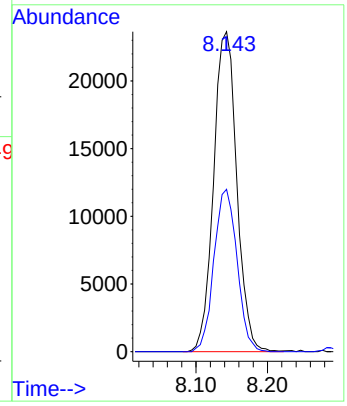


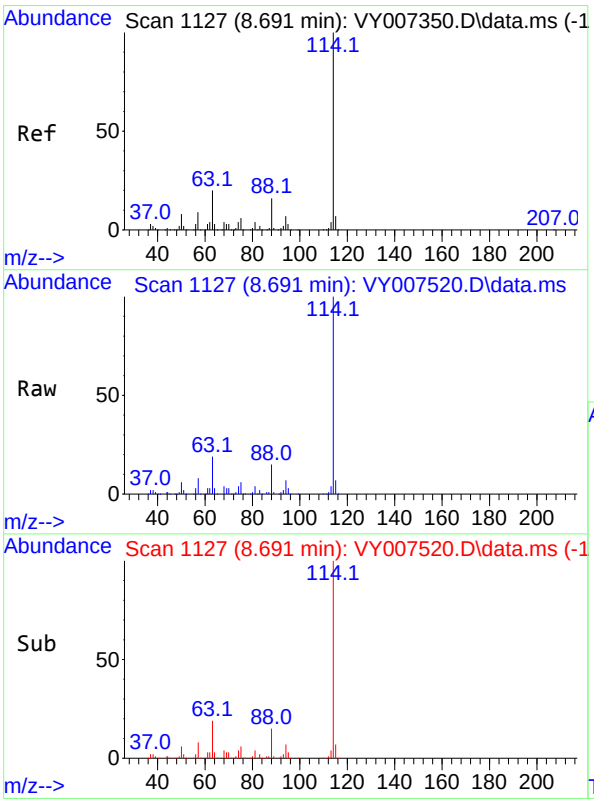
#33
1,2-Dichloroethane-d4
Concen: 55.090 ug/l
RT: 8.143 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 65 Resp: 53258

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.4

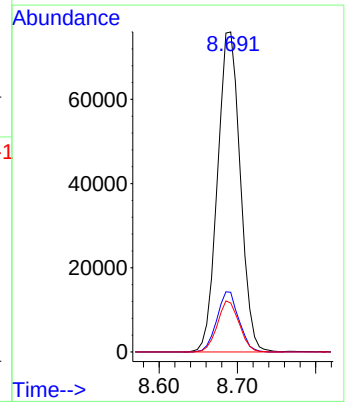


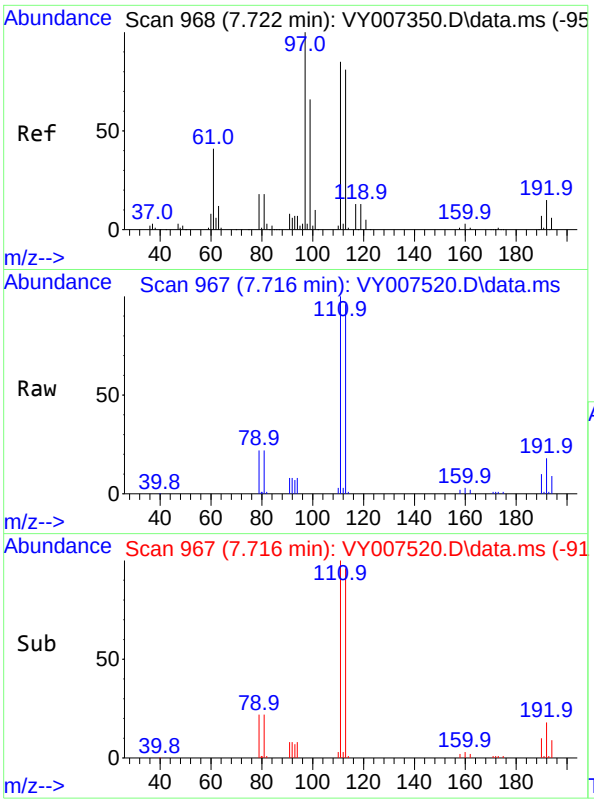


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion:114 Resp: 153543

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	43.2
88	15.3	0.0	31.8



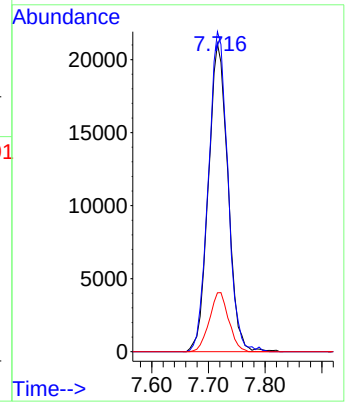


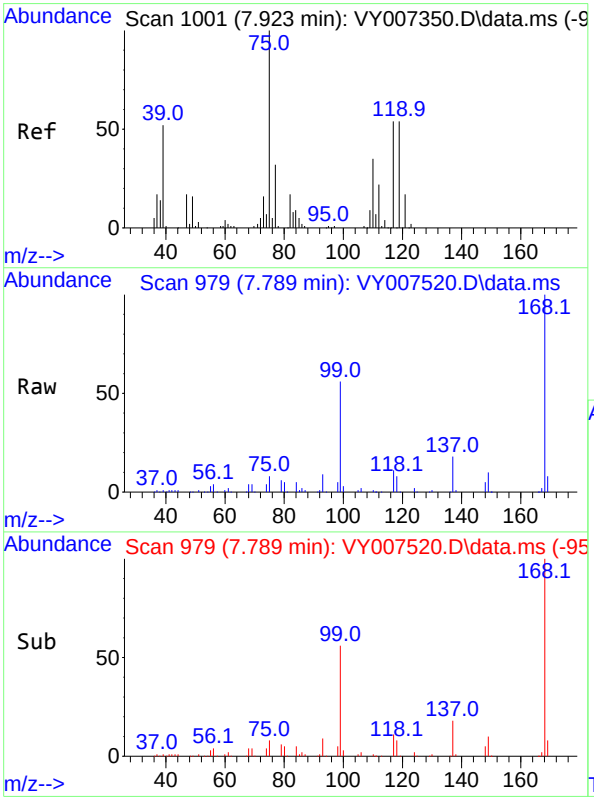
#35
Dibromofluoromethane
Concen: 52.097 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion:113 Resp: 50445

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	19.0	17.6	26.4

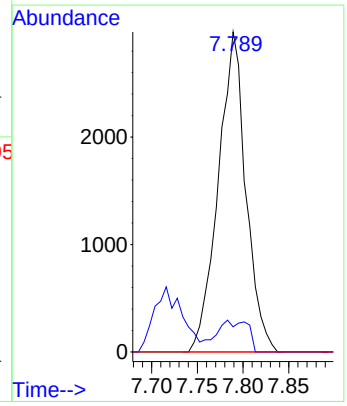


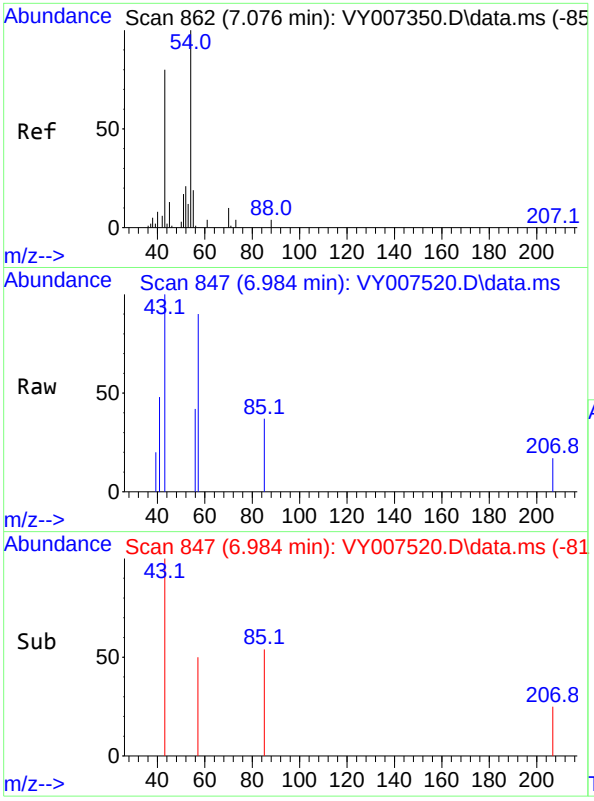


#36
1,1-Dichloropropene
Concen: 4.001 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 75 Resp: 6276

Ion	Ratio	Lower	Upper
75	100		
110	2.8	17.1	51.2#
77	0.0	24.4	36.6#



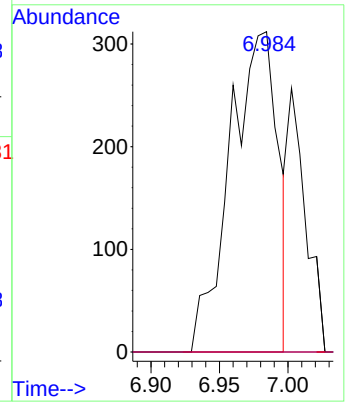


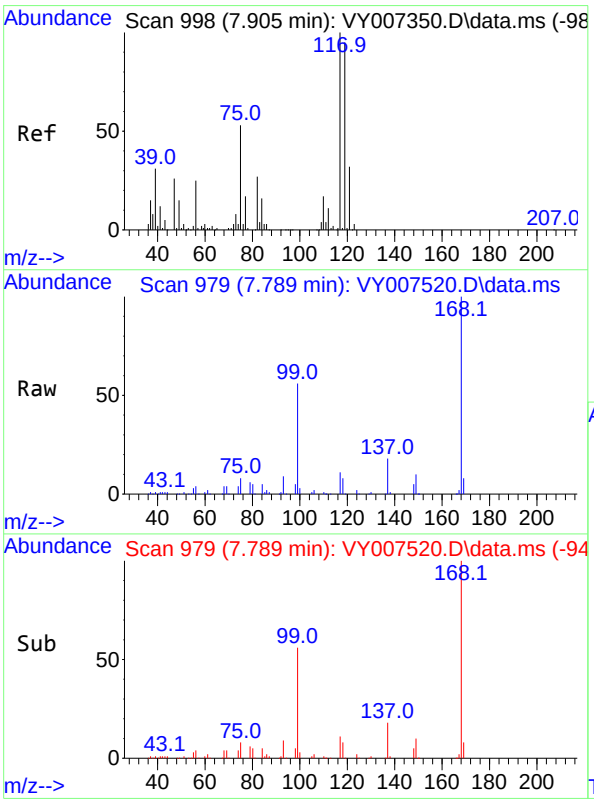
#37
Ethyl Acetate
Concen: 1.069 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 43 Resp: 758

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#

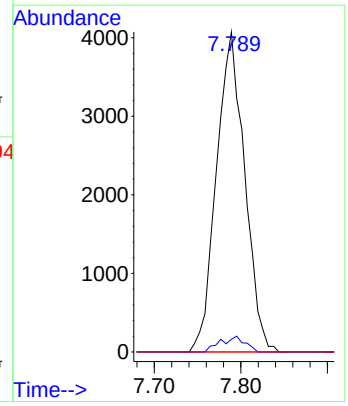


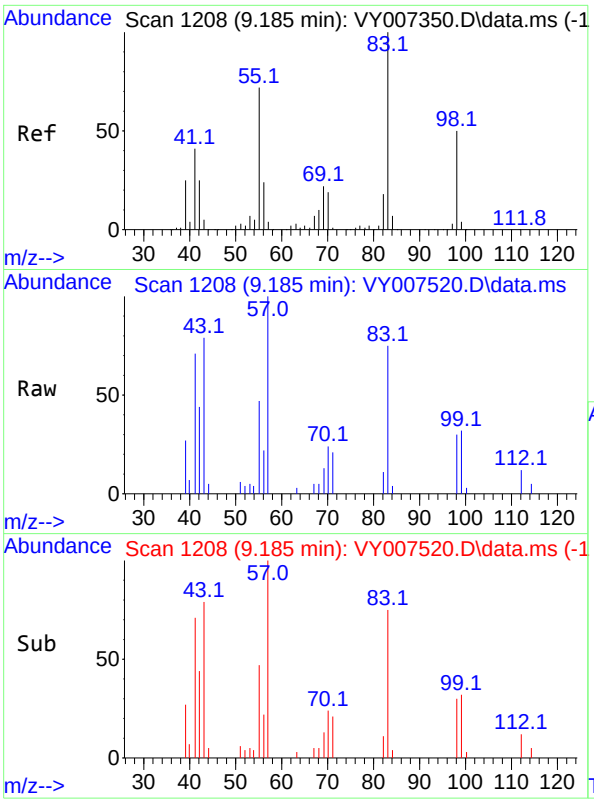


#38
Carbon Tetrachloride
Concen: 5.173 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion:117 Resp: 9222

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.9	116.9#
121	0.0	24.8	37.2#



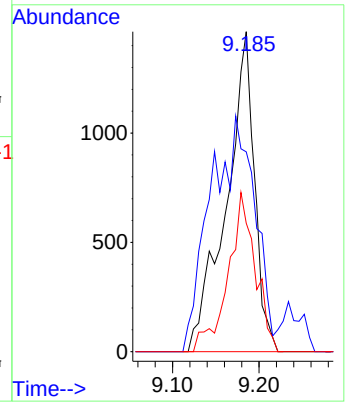


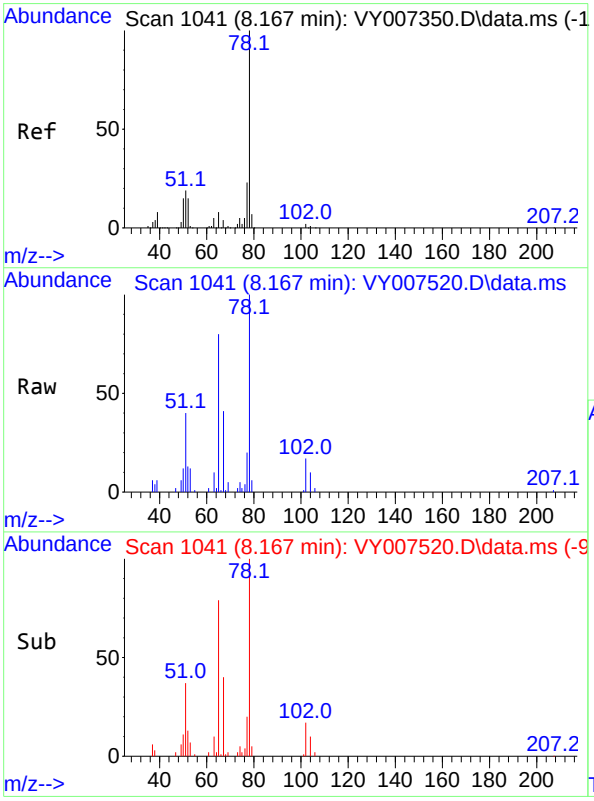
#39
Methylcyclohexane
Concen: 1.623 ug/l
RT: 9.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 83 Resp: 3305

Ion	Ratio	Lower	Upper
83	100		
55	62.4	66.5	99.7#
98	40.2	37.9	56.9

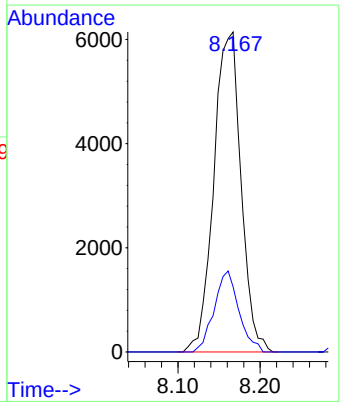


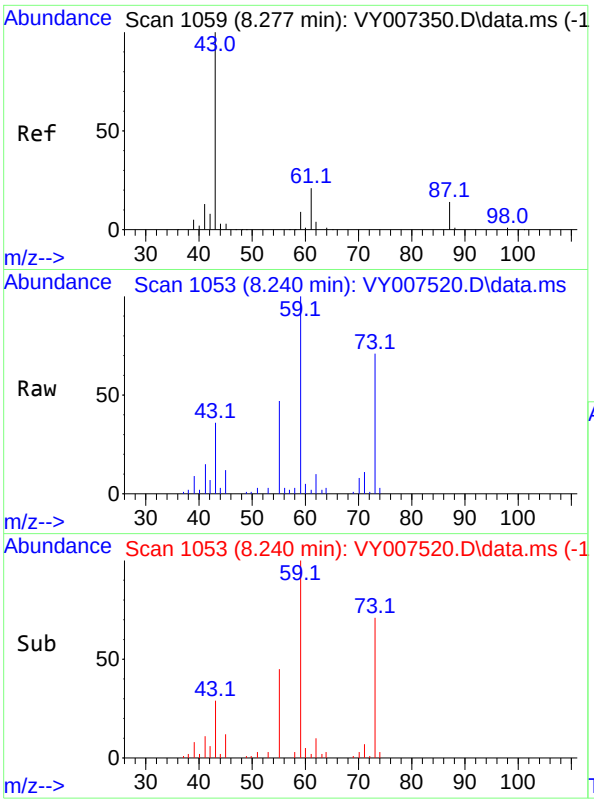


#40
Benzene
Concen: 3.281 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 78 Resp: 14151

Ion	Ratio	Lower	Upper
78	100		
77	20.4	20.4	30.6#



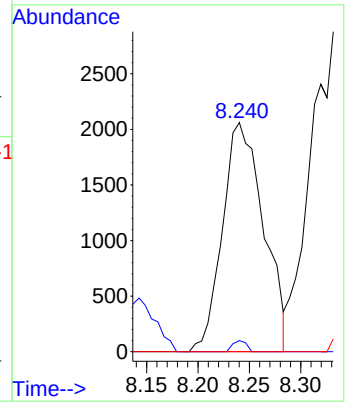


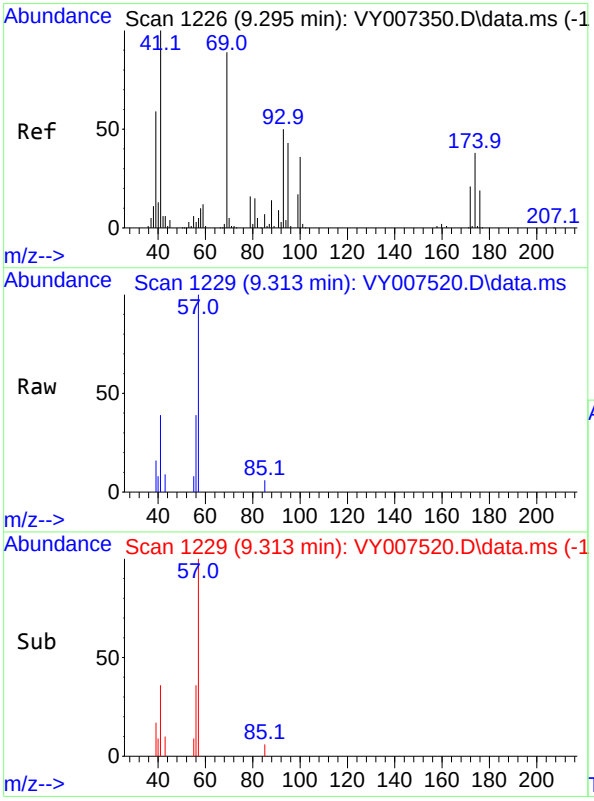
#43
Isopropyl Acetate
Concen: 3.980 ug/l
RT: 8.240 min Scan# 1
Delta R.T. -0.037 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 43 Resp: 5730

Ion	Ratio	Lower	Upper
43	100		
61	1.6	20.2	30.2#
87	0.0	8.9	13.3#

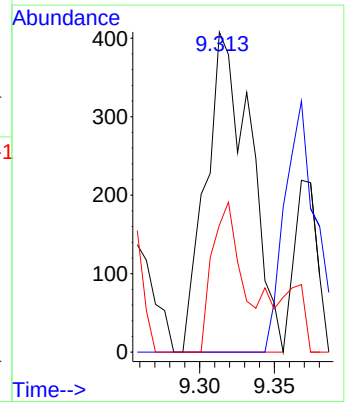


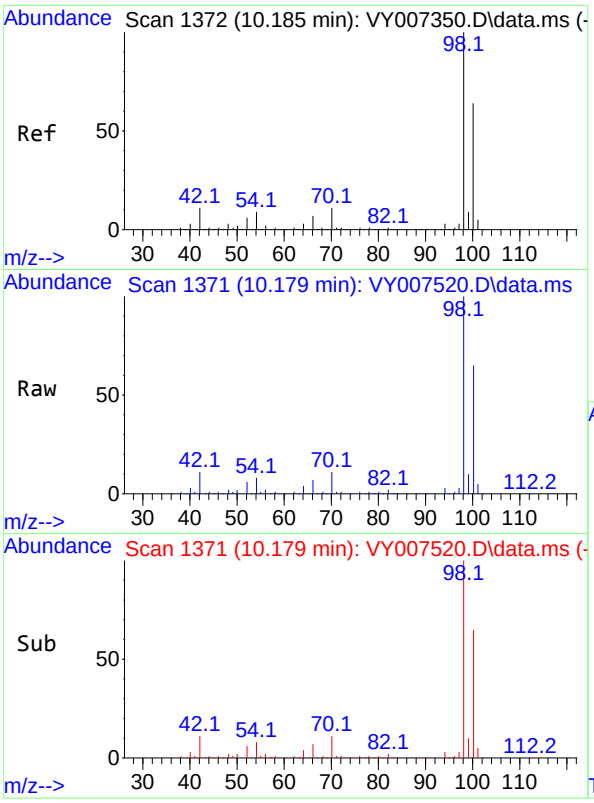


#48
Methyl methacrylate
Concen: 1.321 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 41 Resp: 843

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	30.8	47.4	71.0#



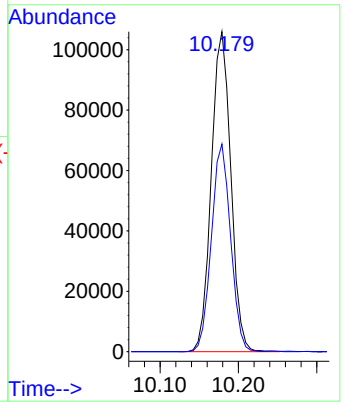


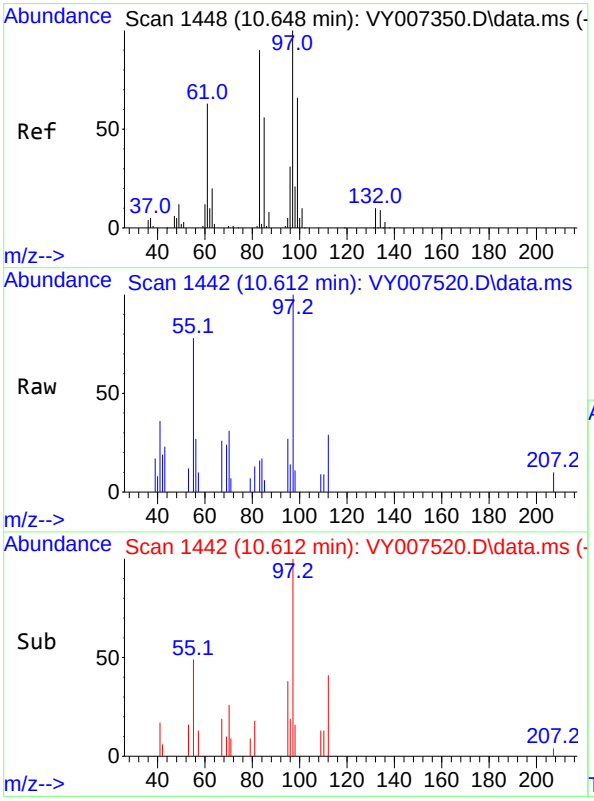
#50
Toluene-d8
Concen: 49.742 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 98 Resp: 182935

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2

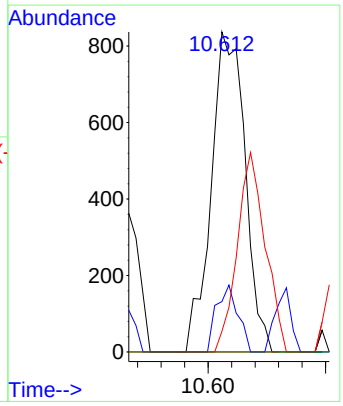


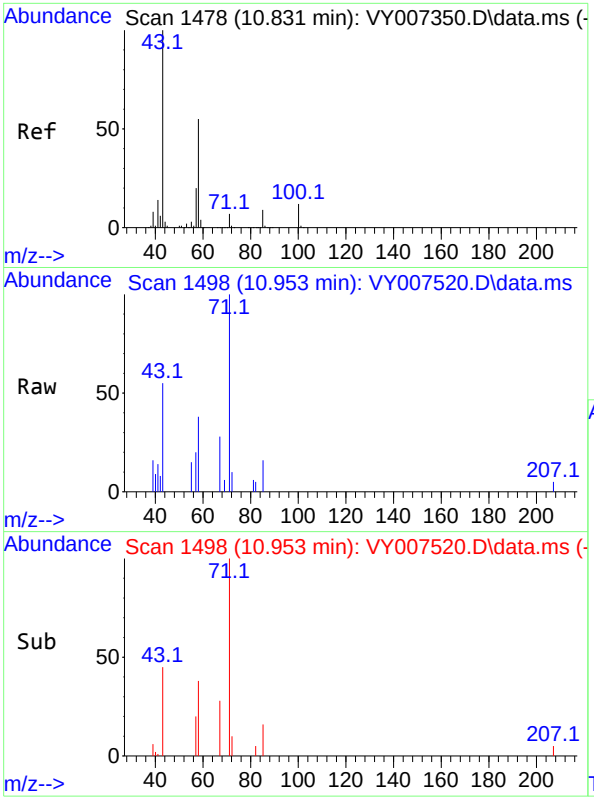


#55
1,1,2-Trichloroethane
Concen: 1.981 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.036 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 97 Resp: 1673

Ion	Ratio	Lower	Upper
97	100		
83	15.8	69.8	104.8#
85	6.5	44.3	66.5#
99	0.0	49.8	74.6#



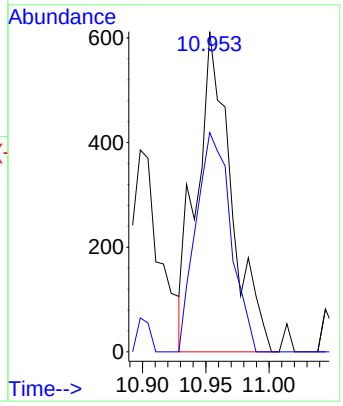


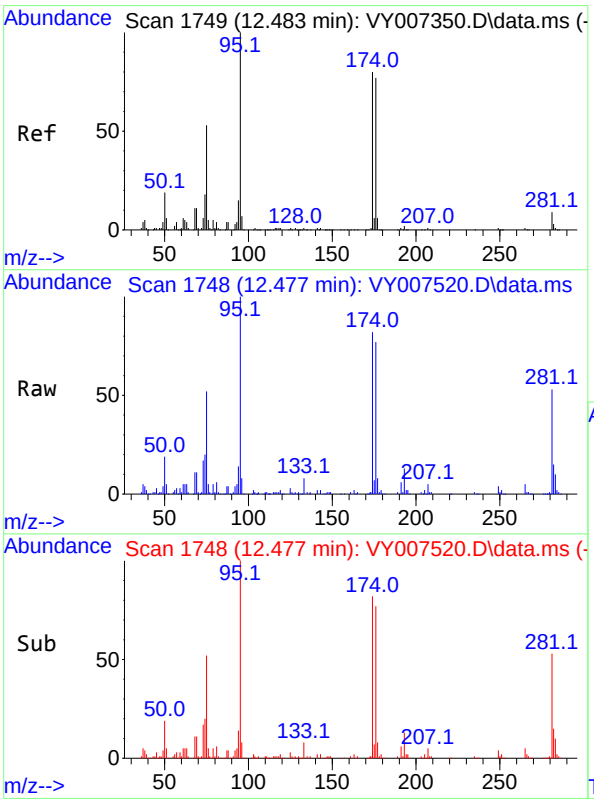
#59
2-Hexanone
Concen: 2.257 ug/l
RT: 10.953 min Scan# 14
Delta R.T. 0.122 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 43 Resp: 1165

Ion	Ratio	Lower	Upper
43	100		
58	68.8	24.4	73.4

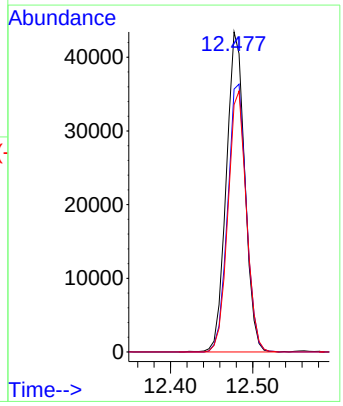


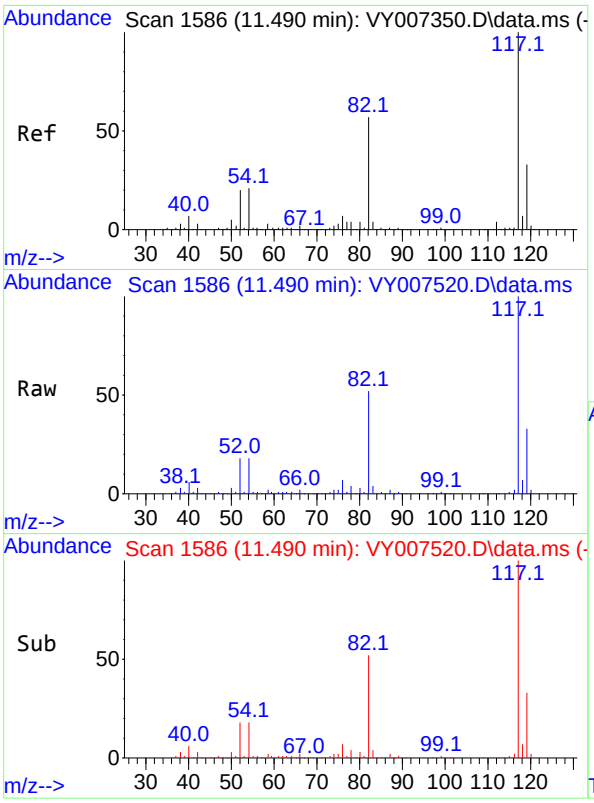


#62
4-Bromofluorobenzene
Concen: 54.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 95 Resp: 67940

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	177.0
176	81.0	0.0	175.8



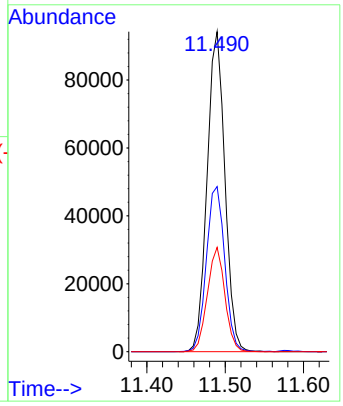


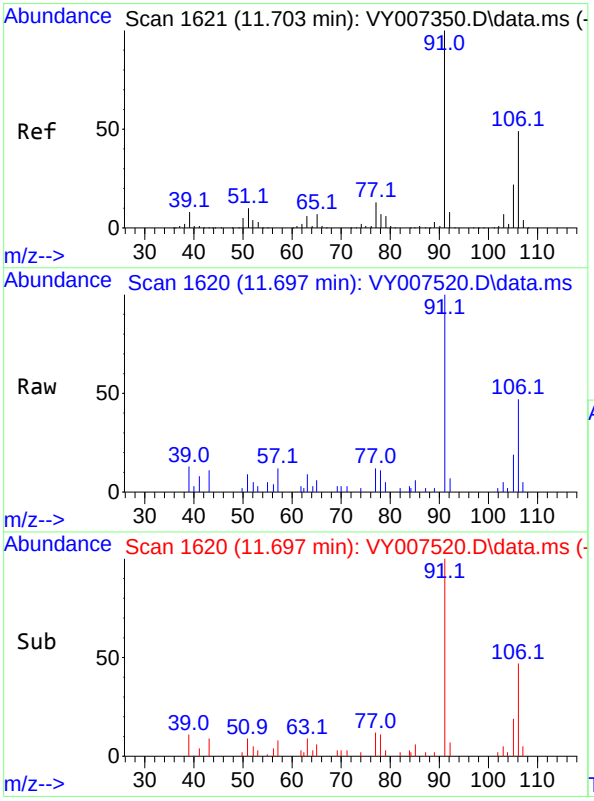
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion:117 Resp: 148321

Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	32.6	25.4	38.0

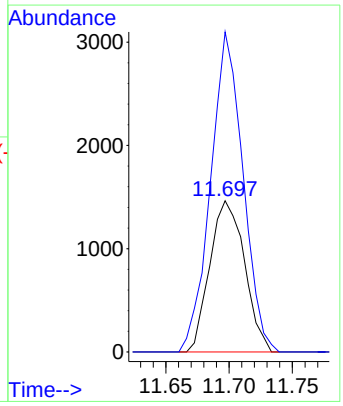


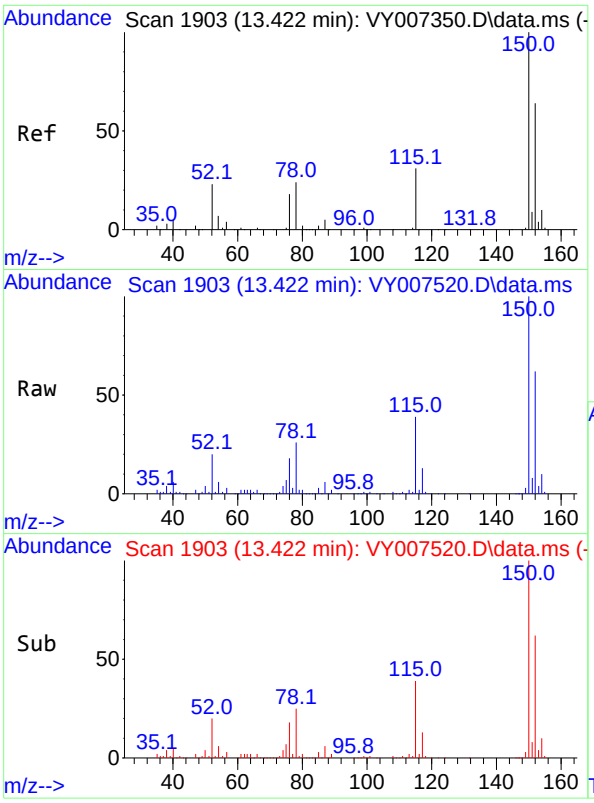


#68
m/p-Xylenes
Concen: 1.215 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion:106 Resp: 2796

Ion	Ratio	Lower	Upper
106	100		
91	197.4	166.6	249.8



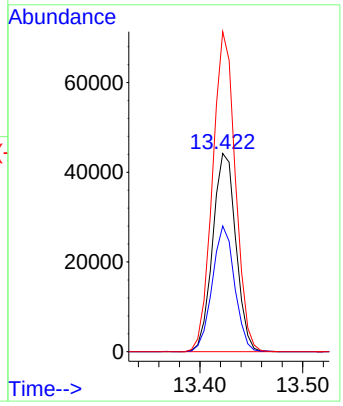


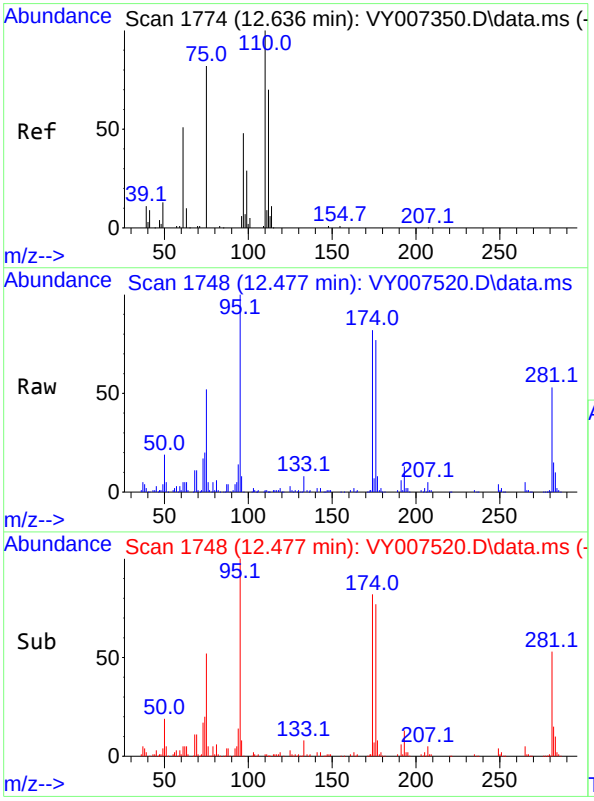
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion:152 Resp: 69332

Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.2	84.7
150	158.3	0.0	347.6

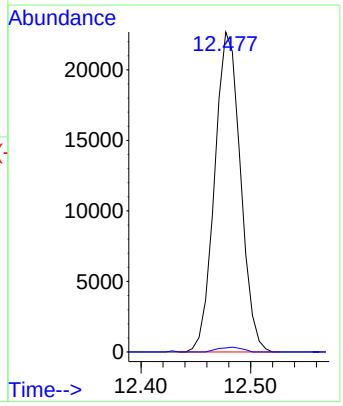


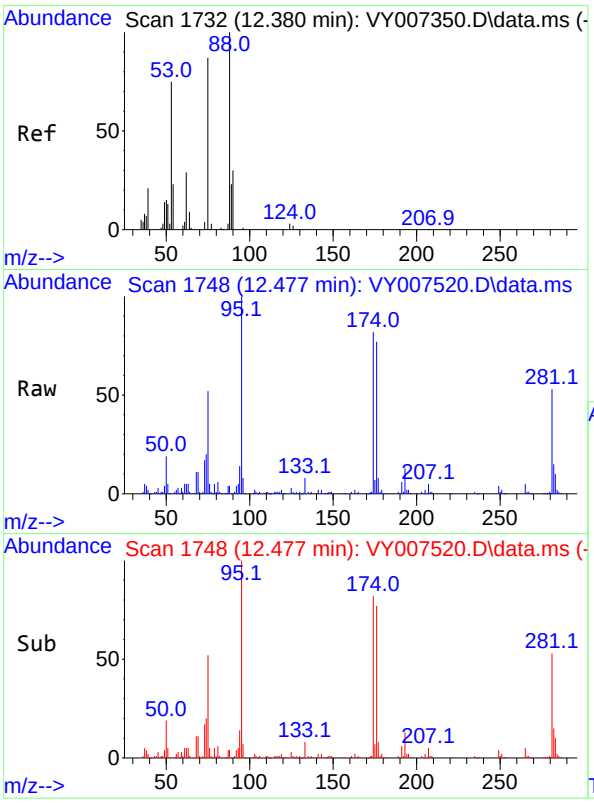


#76
1,2,3-Trichloropropane
Concen: 46.365 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion: 75 Resp: 37143

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



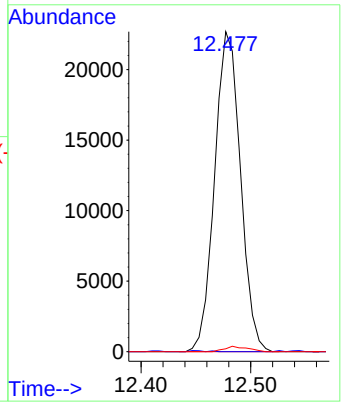


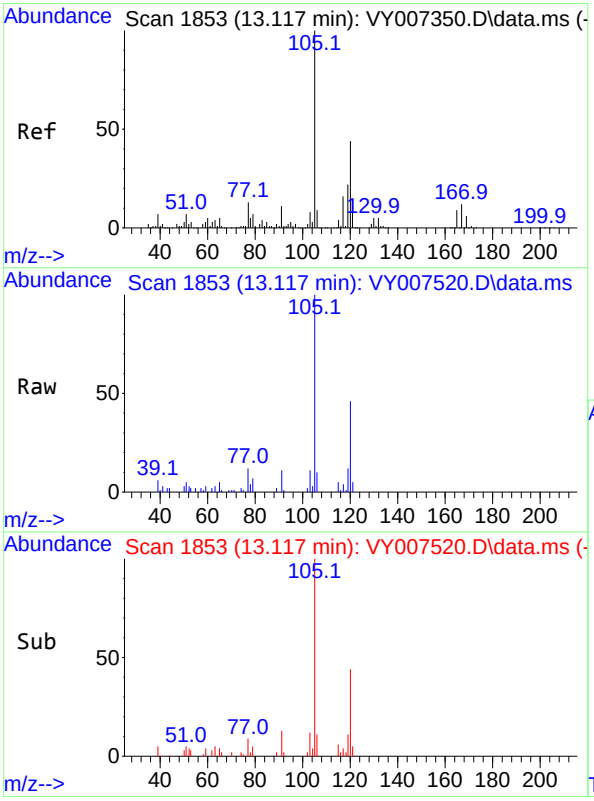
#81
trans-1,4-Dichloro-2-butene
Concen: 96.368 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion: 75 Resp: 37143

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	1.5	37.0	55.4#

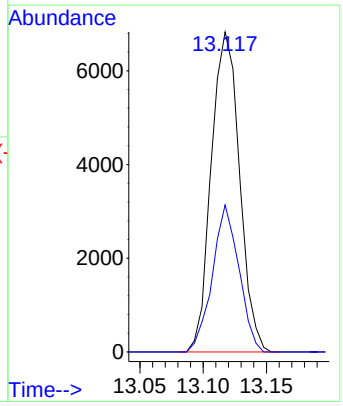


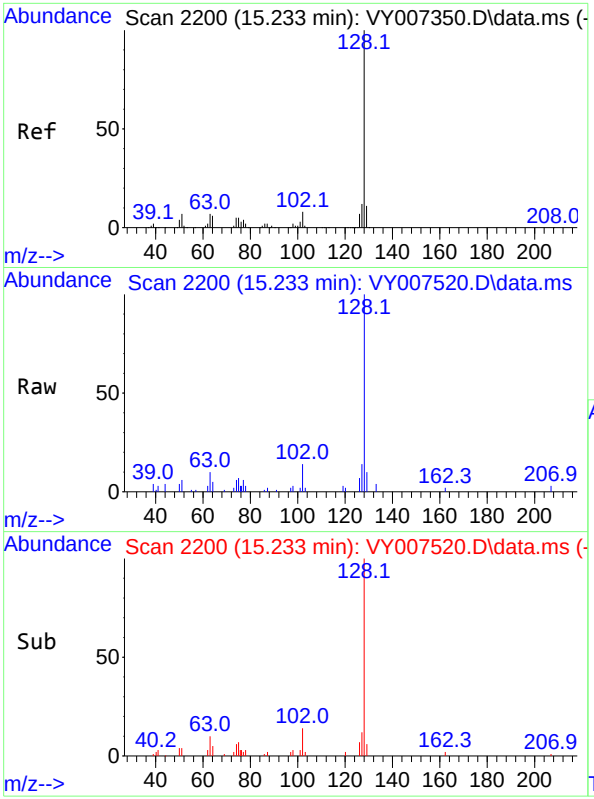


#84
1,2,4-Trimethylbenzene
Concen: 2.147 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Tgt Ion:105 Resp: 10593

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.3	66.9





#95
Naphthalene
Concen: 2.597 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY007520.D
Acq: 17 Feb 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
A5-3-8.5

Tgt Ion:128 Resp: 7661

Ion	Ratio	Lower	Upper
128	100		
127	14.8	11.0	16.4
129	10.4	8.4	12.6