Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
Data File : VY004988.D
Acq On : 07 Jun 2021 13:27
Operator : SY/MD
Sample : M2613-07RE
Misc : 18.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jun 08 02:08:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	191571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	360916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127851	63.129	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.260%			
35) Dibromofluoromethane	7.728	113	111540	57.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.880%			
50) Toluene-d8	10.185	98	452011	56.050	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.100%			
62) 4-Bromofluorobenzene	12.483	95	153203	55.238	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.991	59	736	3.160	ug/l #	74
13) Acrolein	3.747	56	186	Below Cal	#	73
16) Acetone	3.967	43	7479	15.341	ug/l	90
17) Carbon Disulfide	4.204	76	12985	2.145	ug/l	97
20) Methylene Chloride	4.729	84	13305	Below Cal		95
25) 2-Butanone	7.009	43	1187	1.448	ug/l #	71
29) Tetrahydrofuran	7.368	42	533	1.022	ug/l #	46
31) Cyclohexane	7.801	56	4390	1.231	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15342	4.343	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19617	6.382	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	83017	49.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83017	90.395	ug/l #	16

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

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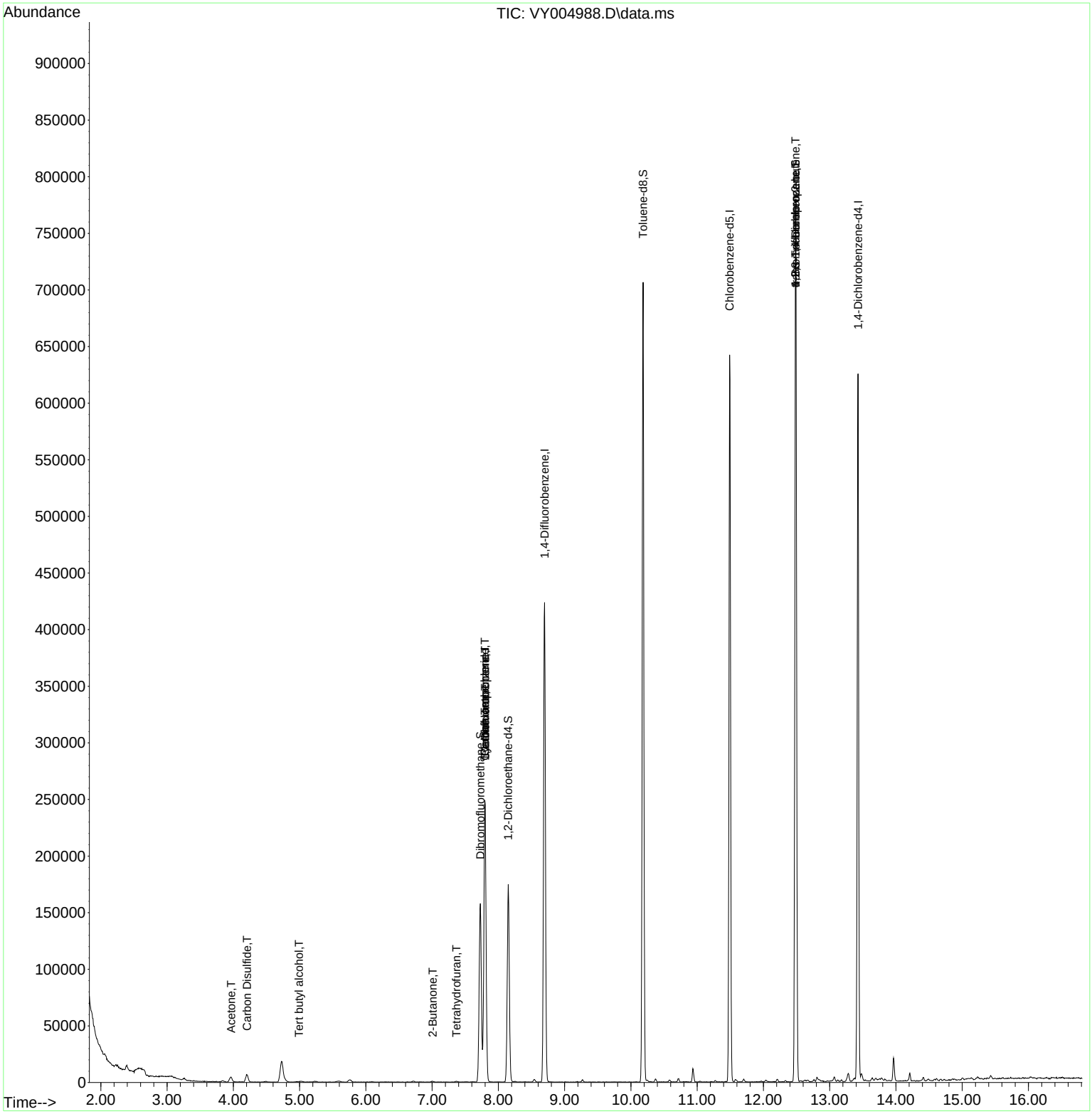
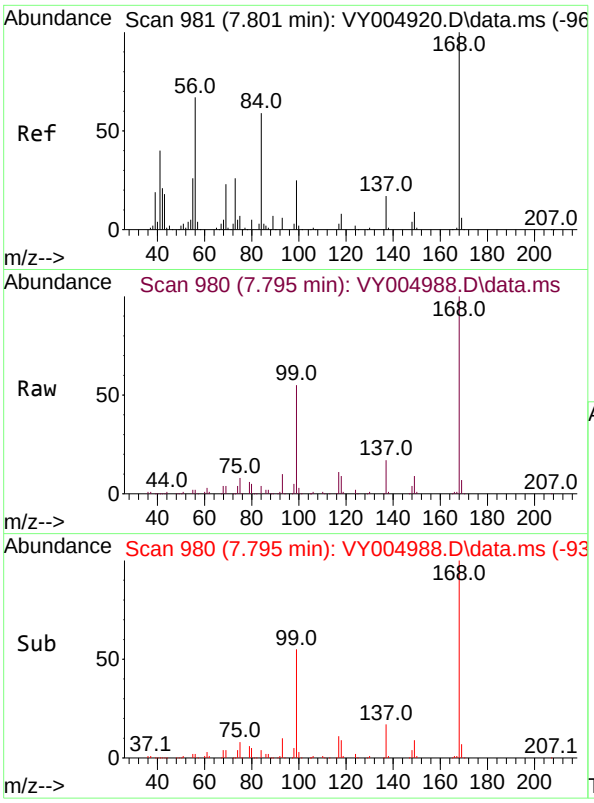
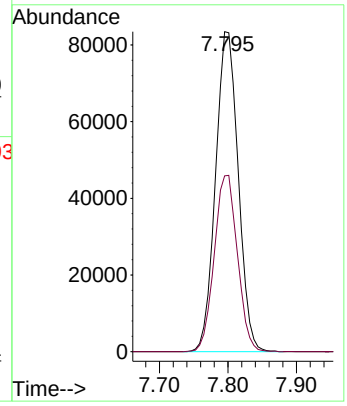




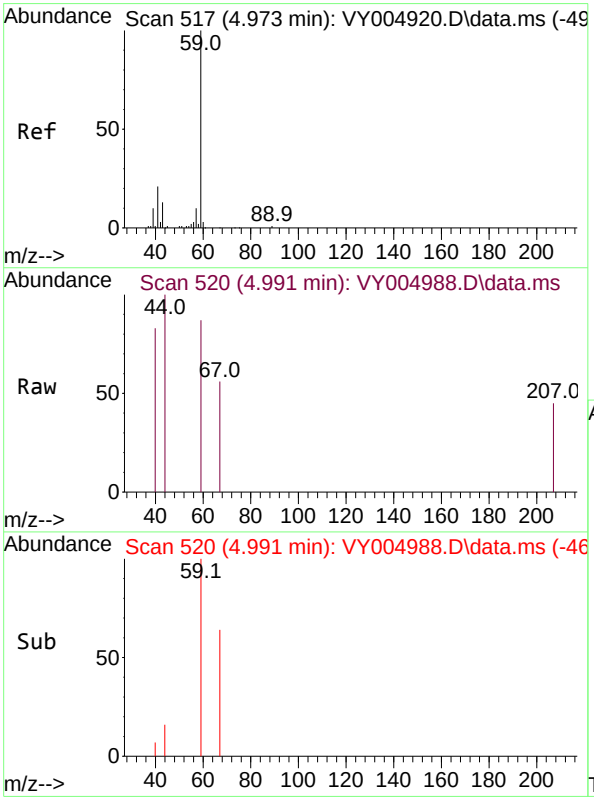
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion:168 Resp: 191571

Ion	Ratio	Lower	Upper
168	100		
99	54.9	43.9	65.9



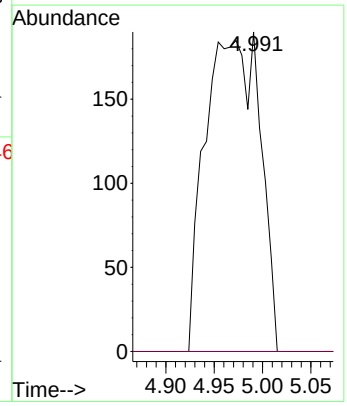
Instrument :
MSVOA_Y
ClientSampleId :

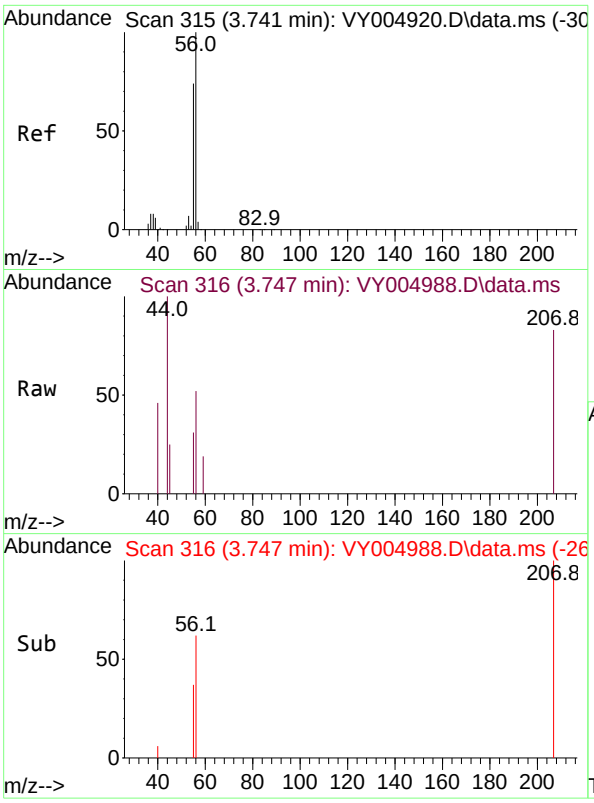


#11
Tert butyl alcohol
Concen: 3.160 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.018 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 59 Resp: 736

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

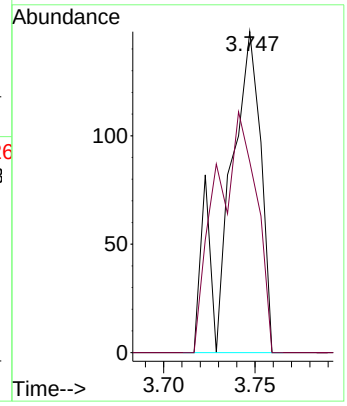




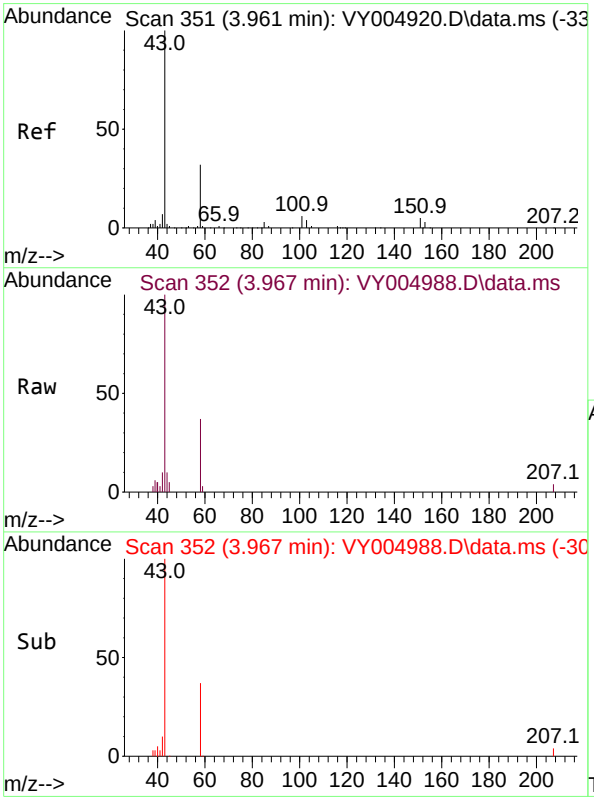
#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 56 Resp: 186

Ion	Ratio	Lower	Upper
56	100		
55	91.4	55.4	83.2#



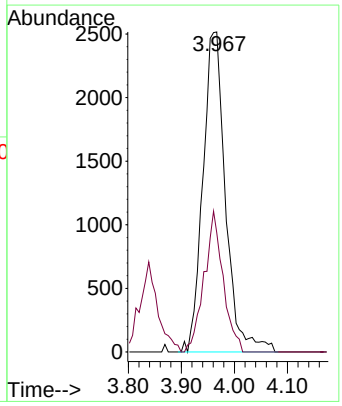
Instrument :
MSVOA_Y
ClientSampleId :



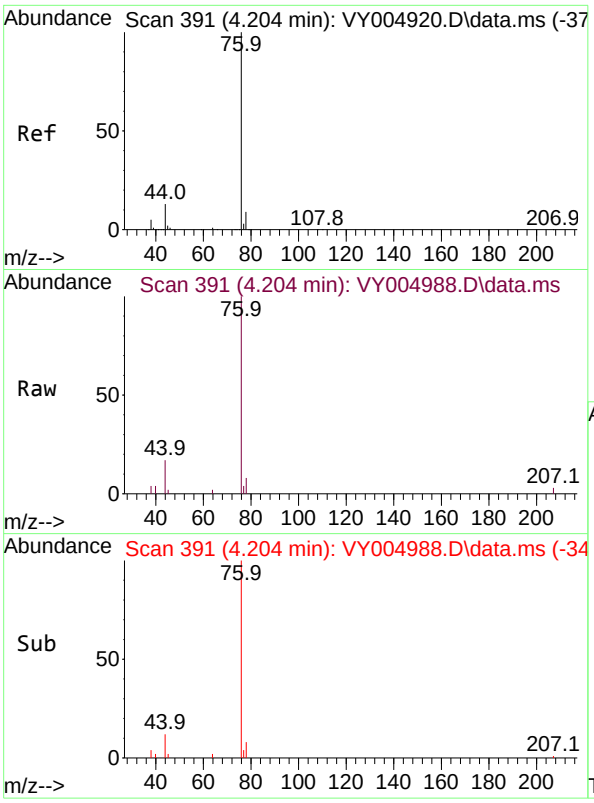
#16
Acetone
Concen: 15.341 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 43 Resp: 7479

Ion	Ratio	Lower	Upper
43	100		
58	37.2	25.3	37.9



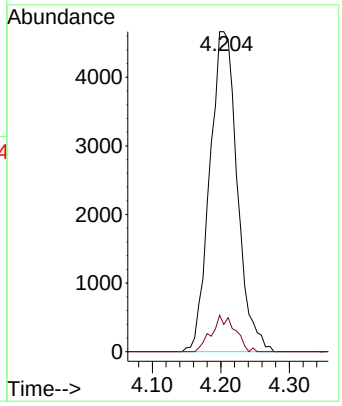
Instrument :
MSVOA_Y
ClientSampleId :

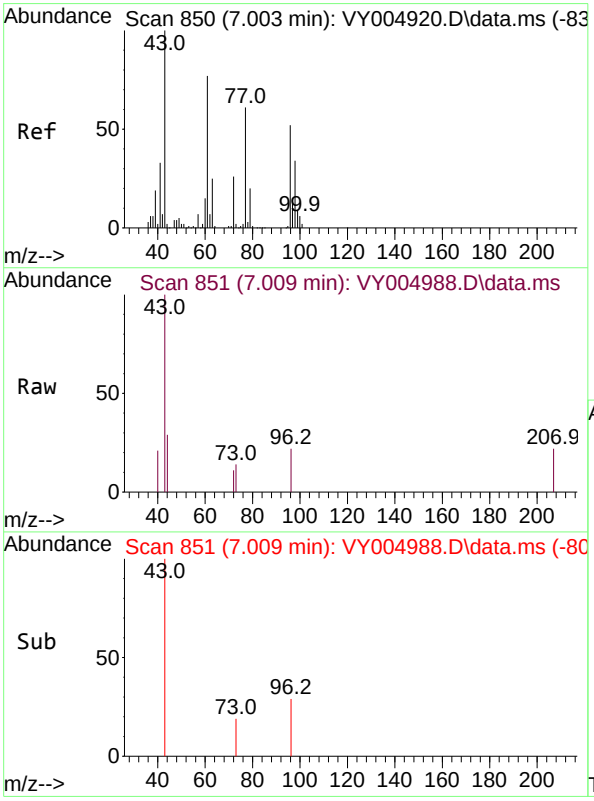


#17
Carbon Disulfide
Concen: 2.145 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 76 Resp: 12985

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.6	11.4

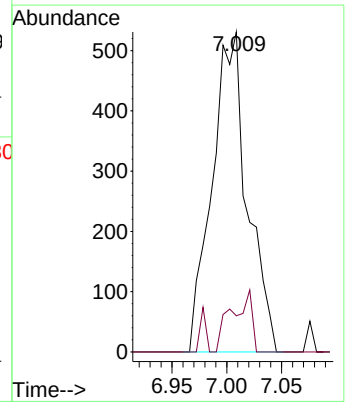


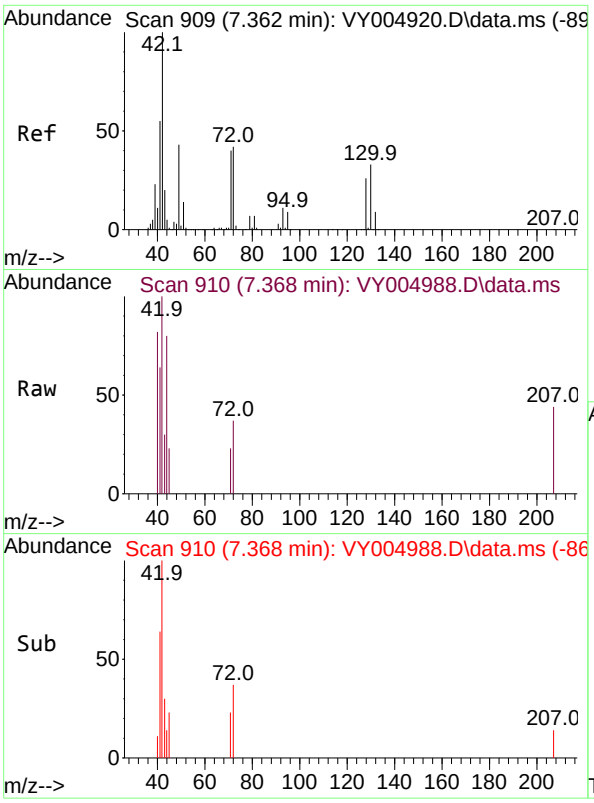


#25
2-Butanone
Concen: 1.448 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 43 Resp: 1187

Ion	Ratio	Lower	Upper
43	100		
72	11.3	20.6	31.0#

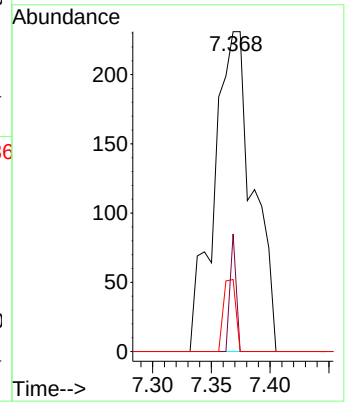




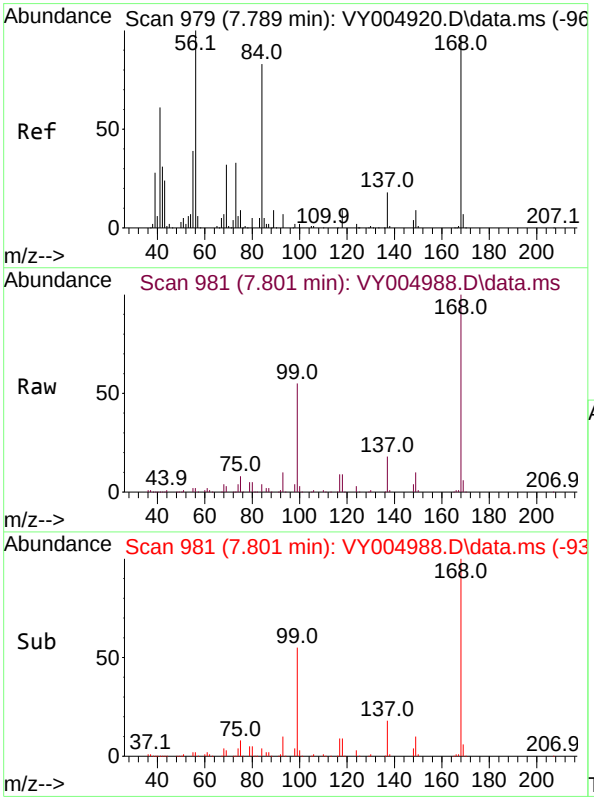
#29
Tetrahydrofuran
Concen: 1.022 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 42 Resp: 533

Ion	Ratio	Lower	Upper
42	100		
72	5.8	32.6	49.0#
71	7.1	30.9	46.3#



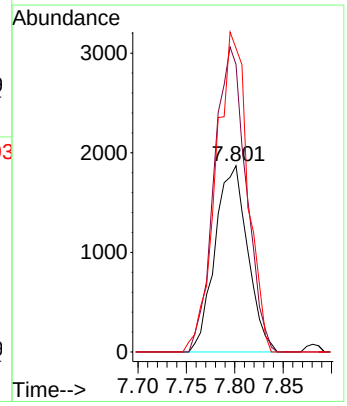
Instrument :
MSVOA_Y
ClientSampleId :

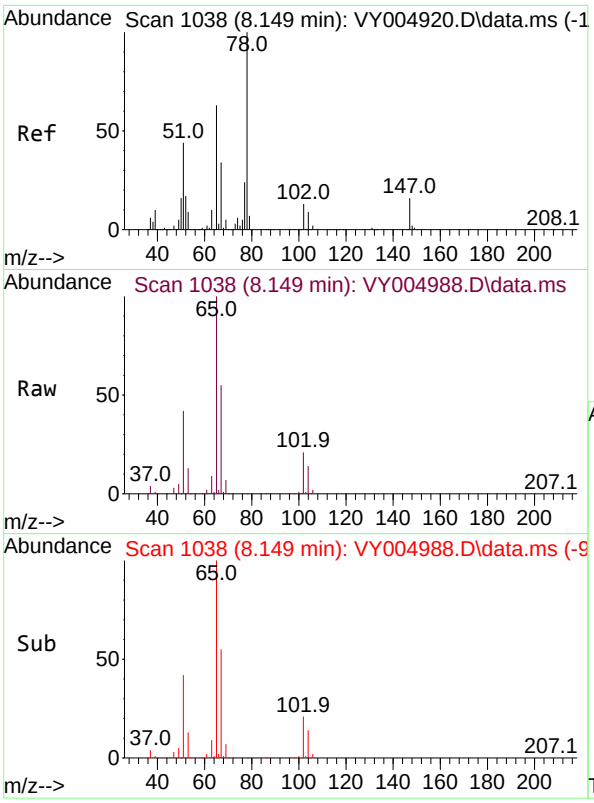


#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 56 Resp: 4390

Ion	Ratio	Lower	Upper
56	100		
69	154.4	25.3	37.9#
84	163.0	66.2	99.4#

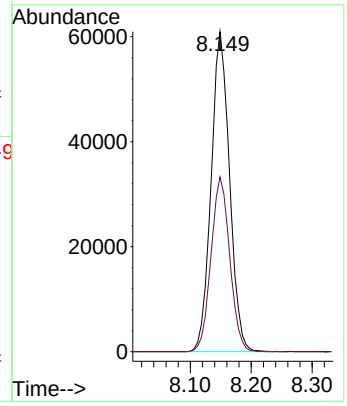




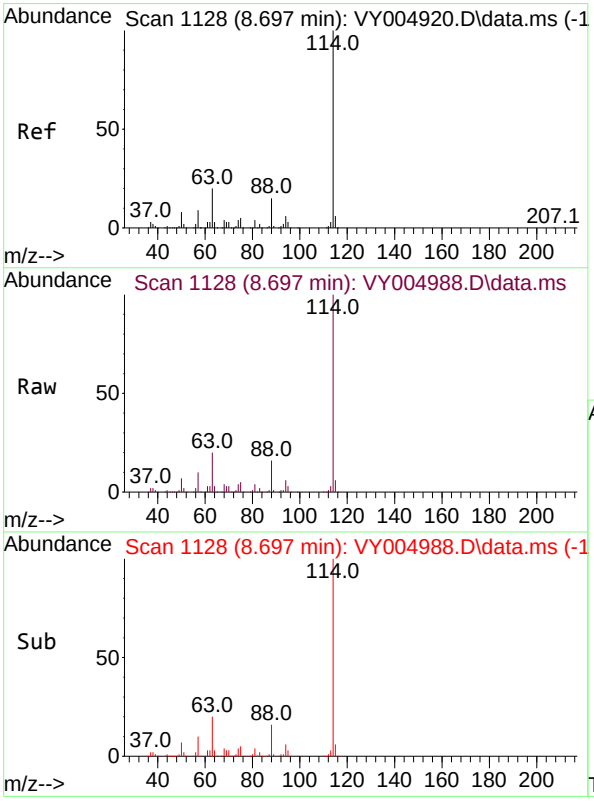
#33
1,2-Dichloroethane-d4
Concen: 63.129 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 65 Resp: 127851

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	110.6



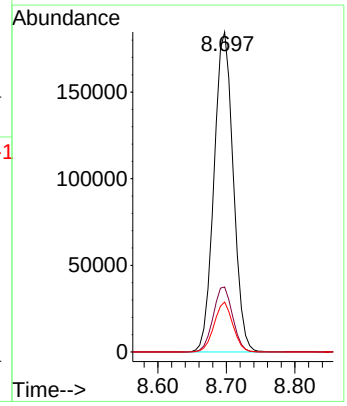
Instrument :
MSVOA_Y
ClientSampleId :

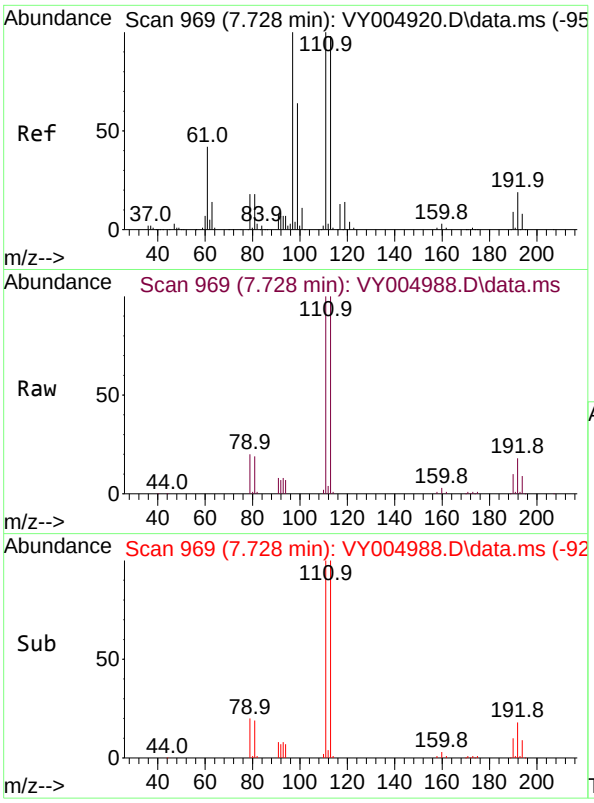


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion:114 Resp: 360916

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	15.6	0.0	30.6

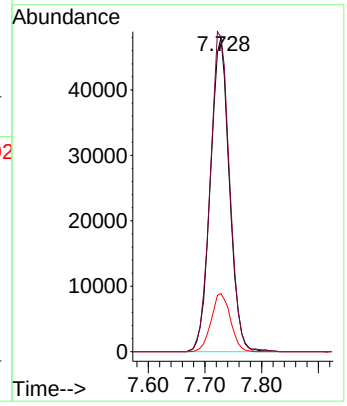




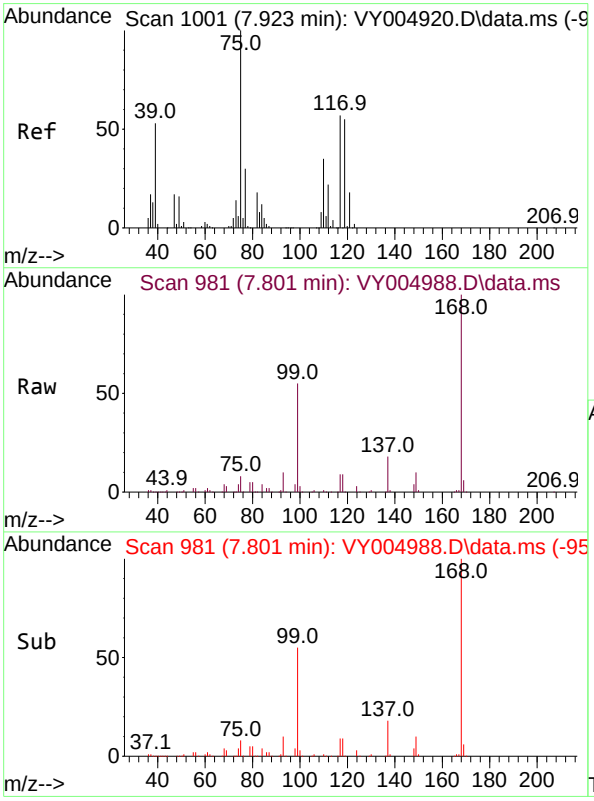
#35
Dibromofluoromethane
Concen: 57.442 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion:113 Resp: 111540

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	18.7	15.3	22.9



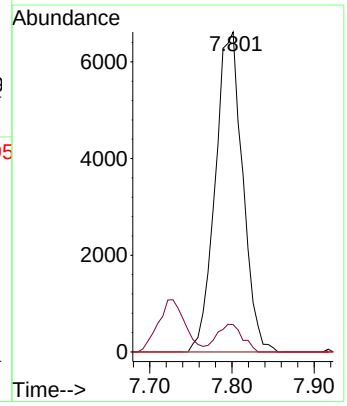
Instrument :
MSVOA_Y
ClientSampleId :



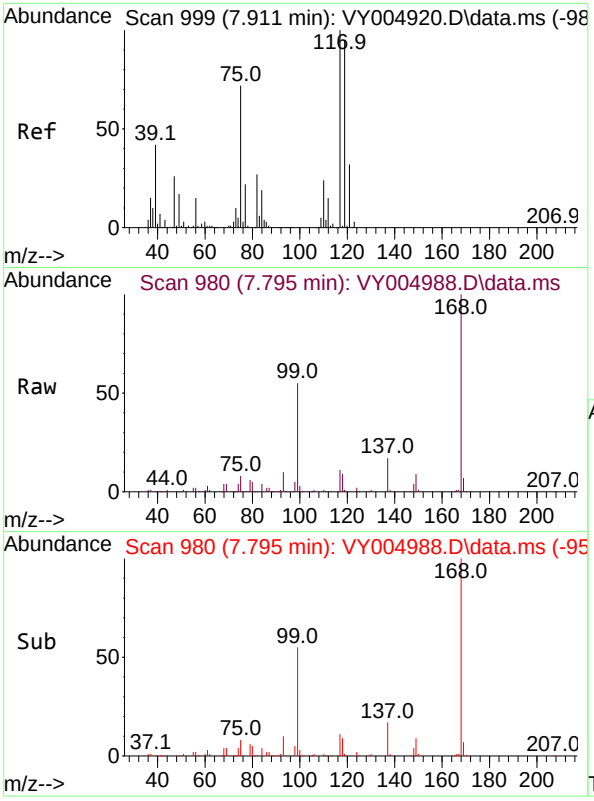
#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 75 Resp: 15342

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.5	52.5#
77	0.0	25.1	37.7#



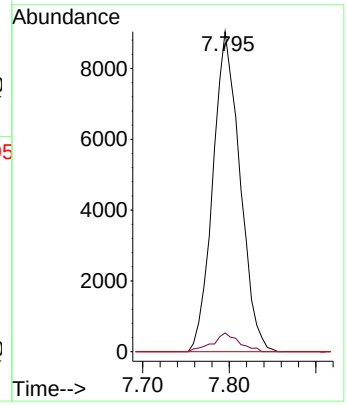
Instrument :
MSVOA_Y
ClientSampleId :

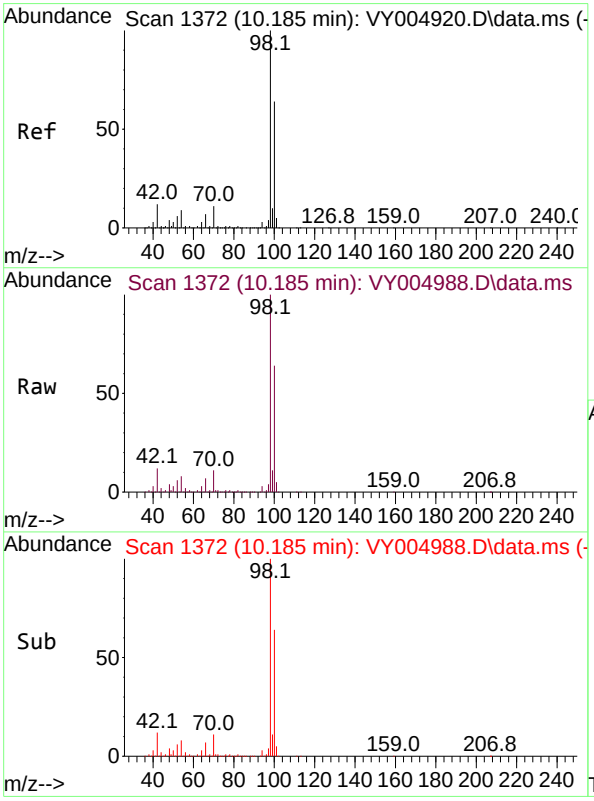


#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion:117 Resp: 19617

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.1	114.1#
121	0.0	25.5	38.3#

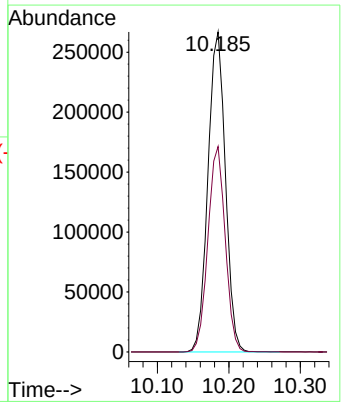


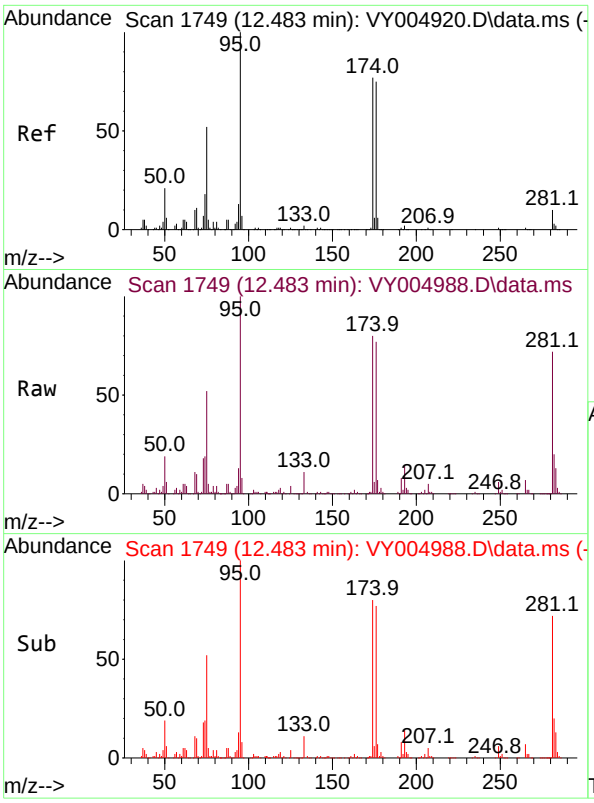


#50
Toluene-d8
Concen: 56.050 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 98 Resp: 452011

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.8	77.6

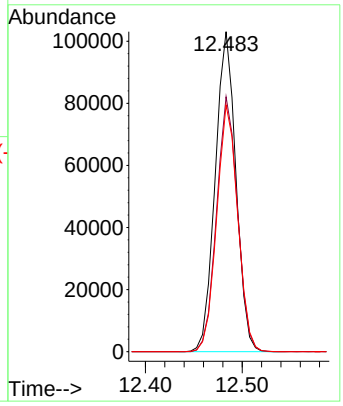




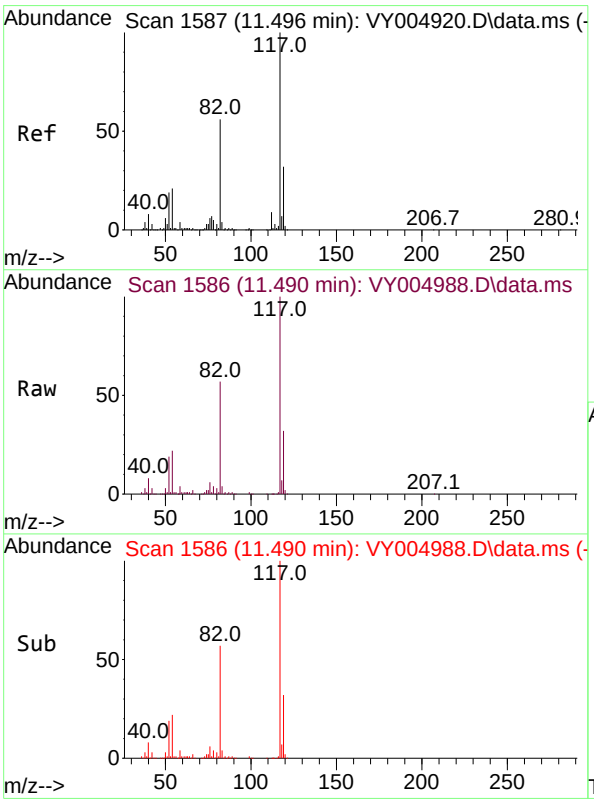
#62
4-Bromofluorobenzene
Concen: 55.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 95 Resp: 153203

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	160.8
176	78.1	0.0	155.6



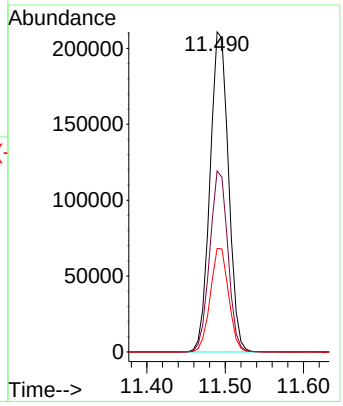
Instrument :
MSVOA_Y
ClientSampleId :



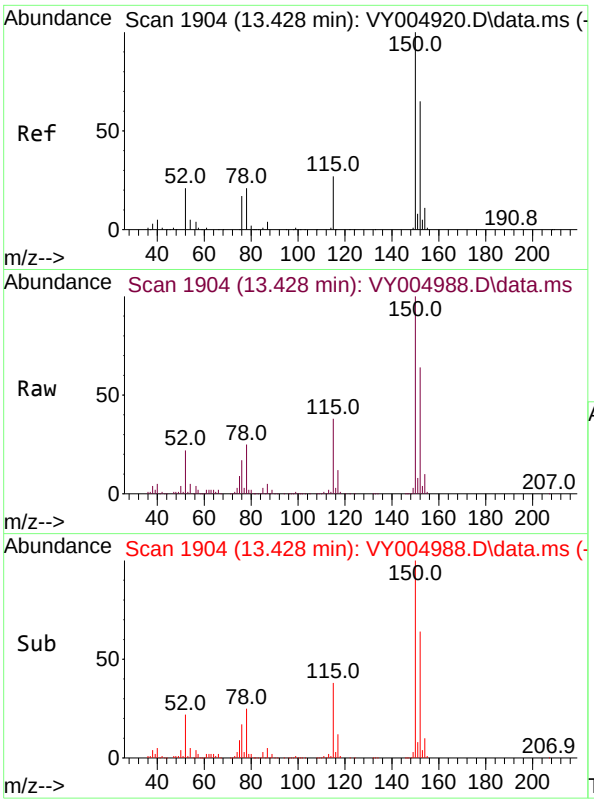
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion:117 Resp: 344898

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.8	67.2
119	32.4	25.2	37.8



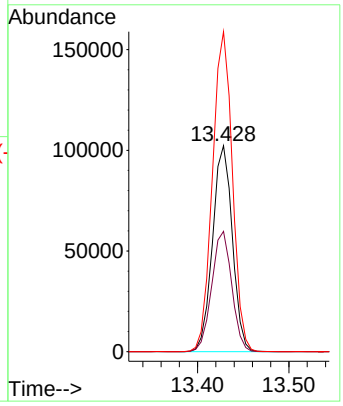
Instrument :
MSVOA_Y
ClientSampleId :

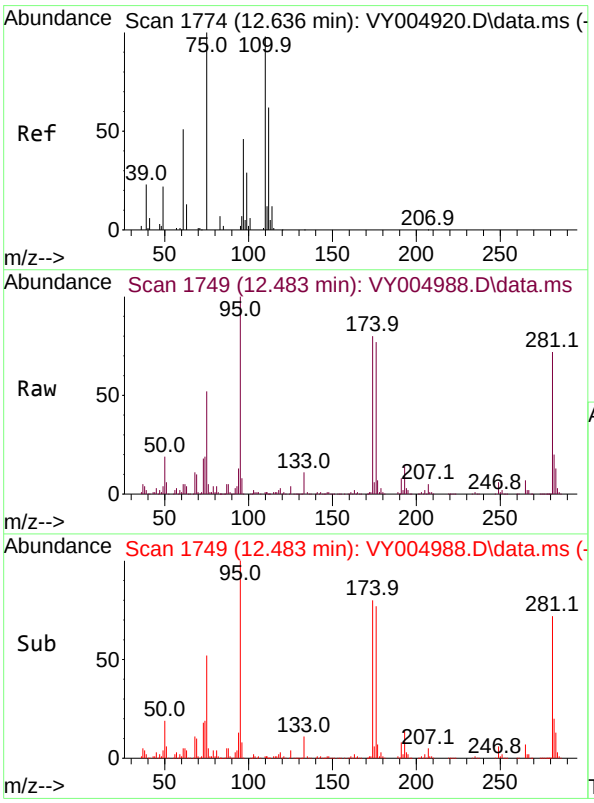


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion:152 Resp: 153968

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.9	89.7
150	156.2	0.0	347.8

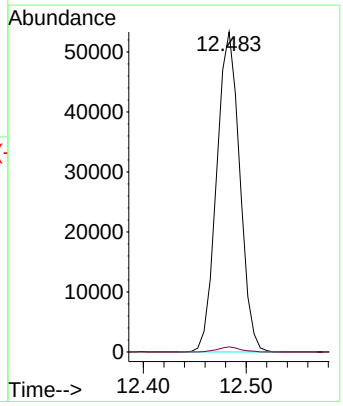


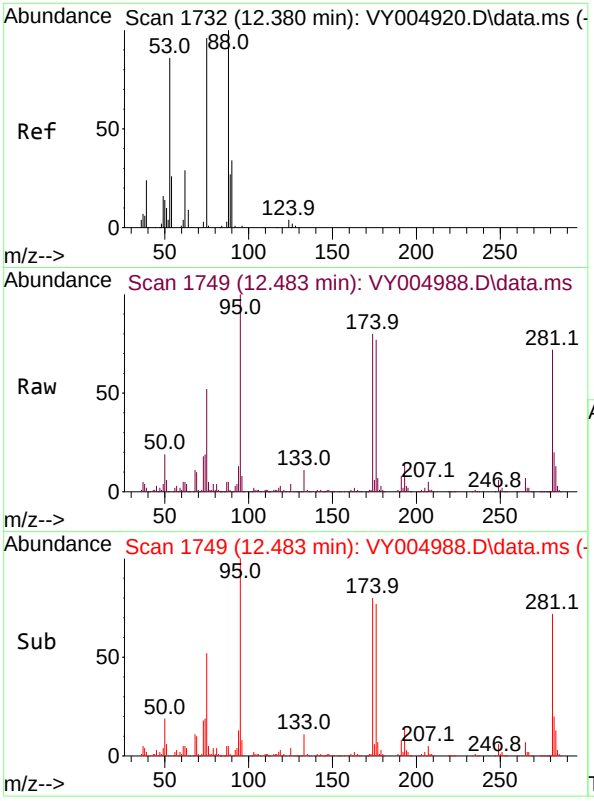


#76
1,2,3-Trichloropropane
Concen: 49.187 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 75 Resp: 83017

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

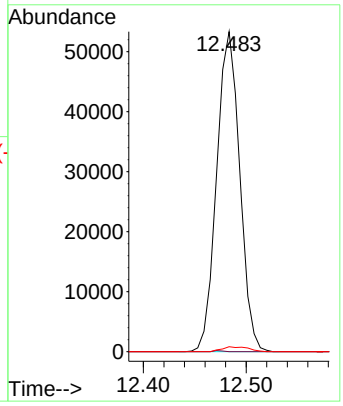




#81
trans-1,4-Dichloro-2-butene
Concen: 90.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004988.D
Acq: 07 Jun 2021 13:27

Tgt Ion: 75 Resp: 83017

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.3	103.9#
89	1.8	35.0	52.6#



Instrument :
MSVOA_Y
ClientSampleId :