Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
Data File : VY004050.D
Acq On : 24 Feb 2021 13:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 25 01:13:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 03:42:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	69271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	104890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	96271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42955	55.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.14%			
35) Dibromofluoromethane	7.716	113	34923	55.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.46%			
50) Toluene-d8	10.179	98	140724	55.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.00%			
62) 4-Bromofluorobenzene	12.477	95	49059	54.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	30016	45.66	ug/l	98
3) Chloromethane	2.113	50	47052	47.92	ug/l	99
4) Vinyl Chloride	2.253	62	47595	49.97	ug/l	99
5) Bromomethane	2.650	94	32100	50.27	ug/l	98
6) Chloroethane	2.796	64	29992	52.14	ug/l	96
7) Trichlorofluoromethane	3.131	101	60542	50.83	ug/l	99
8) Diethyl Ether	3.534	74	17502	45.92	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	28873	45.33	ug/l	97
10) Methyl Iodide	4.094	142	39886	49.86	ug/l	99
11) Tert butyl alcohol	4.954	59	18094	236.48	ug/l	96
12) 1,1-Dichloroethene	3.875	96	29575	46.25	ug/l	98
13) Acrolein	3.735	56	16760	218.00	ug/l	98
14) Allyl chloride	4.485	41	59009	48.68	ug/l	98
15) Acrylonitrile	5.167	53	53010	263.86	ug/l	99
16) Acetone	3.948	43	42260	216.32	ug/l	99
17) Carbon Disulfide	4.198	76	95226	46.09	ug/l	97
18) Methyl Acetate	4.478	43	23697	51.62	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	98030	52.21	ug/l	99
20) Methylene Chloride	4.722	84	36933	46.77	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	36913	51.35	ug/l	95
22) Diisopropyl ether	6.118	45	122956	51.61	ug/l	98
23) Vinyl Acetate	6.064	43	422510	261.87	ug/l	100
24) 1,1-Dichloroethane	6.021	63	65694	51.55	ug/l	100
25) 2-Butanone	6.990	43	70749	254.15	ug/l	99
26) 2,2-Dichloropropane	6.984	77	58674	49.79	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	41250	52.24	ug/l	97
28) Bromochloromethane	7.338	49	29126	51.72	ug/l	100
29) Tetrahydrofuran	7.350	42	46100	256.59	ug/l	100
30) Chloroform	7.508	83	66467	51.42	ug/l	96
31) Cyclohexane	7.783	56	61032	47.05	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	60670	51.10	ug/l	100
36) 1,1-Dichloropropene	7.917	75	52077	49.58	ug/l	99
37) Ethyl Acetate	7.076	43	31370	50.51	ug/l	99
38) Carbon Tetrachloride	7.899	117	55010	50.72	ug/l	98
39) Methylcyclohexane	9.179	83	63264	49.85	ug/l	98
40) Benzene	8.161	78	147408	50.53	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
Data File : VY004050.D
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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 25 01:13:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 03:42:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.344	41	45502	138.66	ug/l	#	1
42) 1,2-Dichloroethane	8.240	62	49166	51.31	ug/l		100
43) Isopropyl Acetate	8.270	43	62037	53.01	ug/l		99
44) Trichloroethene	8.935	130	40329	50.04	ug/l		95
45) 1,2-Dichloropropane	9.215	63	37230	52.06	ug/l		100
46) Dibromomethane	9.307	93	20774	51.95	ug/l		99
47) Bromodichloromethane	9.496	83	53516	52.33	ug/l		96
48) Methyl methacrylate	9.289	41	29484	51.52	ug/l		98
49) 1,4-Dioxane	9.301	88	5190	1076.54	ug/l		98
51) 4-Methyl-2-Pentanone	10.069	43	159571	264.02	ug/l		100
52) Toluene	10.240	92	93394	51.20	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	56517	51.38	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	62951	51.13	ug/l		97
55) 1,1,2-Trichloroethane	10.642	97	29652	52.32	ug/l		99
56) Ethyl methacrylate	10.508	69	43074	53.23	ug/l		98
57) 1,3-Dichloropropane	10.788	76	52034	51.86	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	80217	218.56	ug/l		98
59) 2-Hexanone	10.831	43	112238	263.48	ug/l		98
60) Dibromochloromethane	10.983	129	37790	52.84	ug/l		98
61) 1,2-Dibromoethane	11.087	107	28893	52.00	ug/l		98
64) Tetrachloroethene	10.715	164	44216	49.82	ug/l		99
65) Chlorobenzene	11.514	112	99090	51.10	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.587	131	38084	51.40	ug/l		99
67) Ethyl Benzene	11.593	91	183335	50.39	ug/l		100
68) m/p-Xylenes	11.703	106	136844	101.98	ug/l		100
69) o-Xylene	12.026	106	63999	50.76	ug/l		99
70) Styrene	12.044	104	112838	52.10	ug/l		100
71) Bromoform	12.209	173	25035	52.83	ug/l	#	99
73) Isopropylbenzene	12.331	105	176043	50.95	ug/l		100
74) N-amyl acetate	12.142	43	56045	53.69	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.581	83	32978	52.42	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	48729	99.76	ug/l	#	100
77) Bromobenzene	12.605	156	43952	51.68	ug/l		99
78) n-propylbenzene	12.672	91	210319	50.84	ug/l		100
79) 2-Chlorotoluene	12.757	91	119651	50.98	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	150897	51.20	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.379	75	13368	50.81	ug/l		96
82) 4-Chlorotoluene	12.849	91	125054	50.78	ug/l		100
83) tert-Butylbenzene	13.074	119	128386	50.86	ug/l		99
84) 1,2,4-Trimethylbenzene	13.117	105	151508	51.31	ug/l		99
85) sec-Butylbenzene	13.251	105	177515	51.34	ug/l		100
86) p-Isopropyltoluene	13.367	119	164884	51.21	ug/l		100
87) 1,3-Dichlorobenzene	13.361	146	81886	50.55	ug/l		98
88) 1,4-Dichlorobenzene	13.440	146	80177	49.83	ug/l		99
89) n-Butylbenzene	13.696	91	153446	51.32	ug/l		100
90) Hexachloroethane	13.958	117	29824	51.95	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	73121	51.02	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6213	51.57	ug/l		98
93) 1,2,4-Trichlorobenzene	15.007	180	50229	48.80	ug/l		99
94) Hexachlorobutadiene	15.111	225	32400	49.84	ug/l		98
95) Naphthalene	15.233	128	96335	51.32	ug/l		100
96) 1,2,3-Trichlorobenzene	15.422	180	43578	49.64	ug/l		99

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Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 25 01:13:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 03:42:58 2021
Response via : Initial Calibration

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

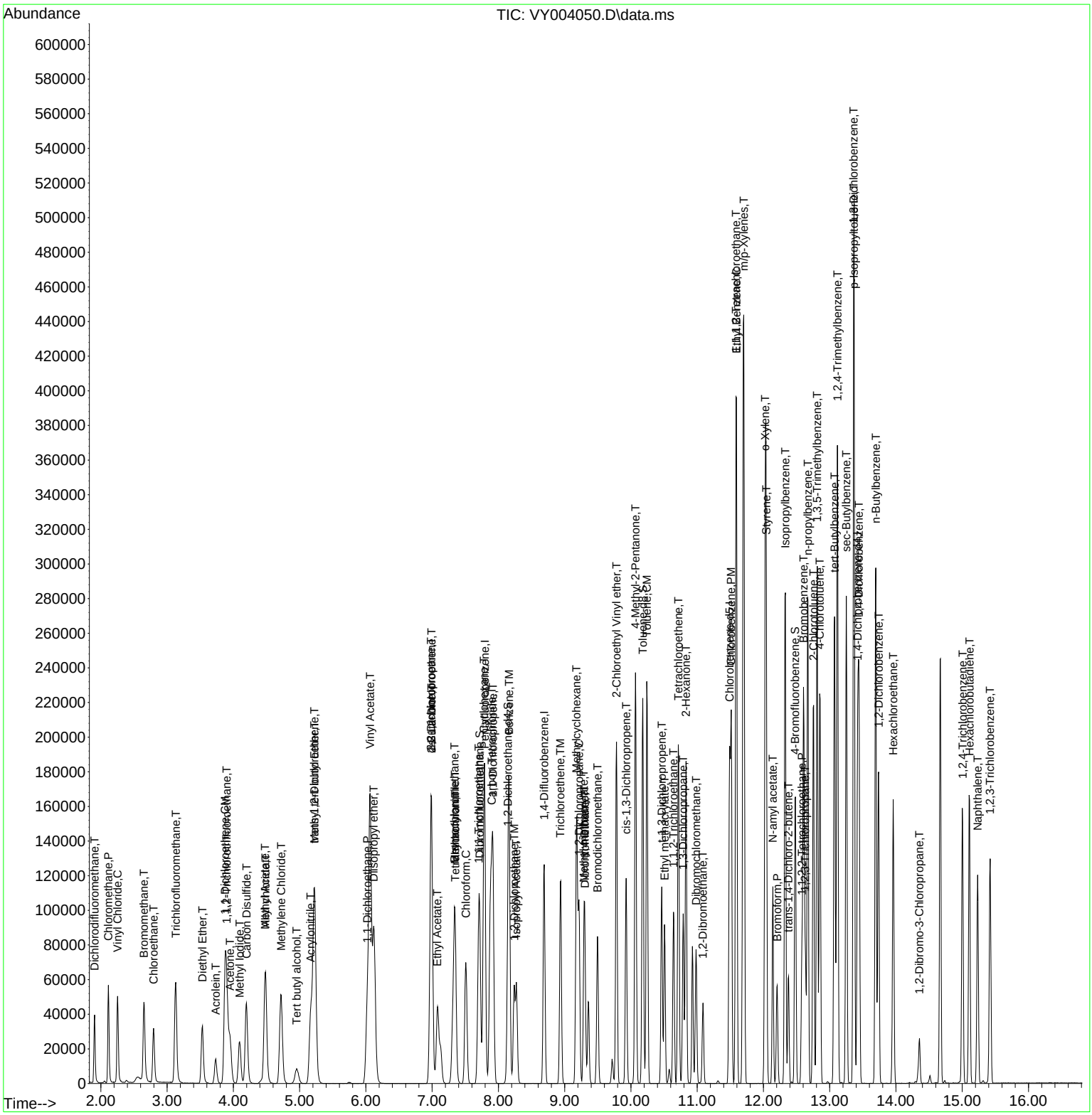
(#) = qualifier out of range (m) = manual integration (+) = signals summed

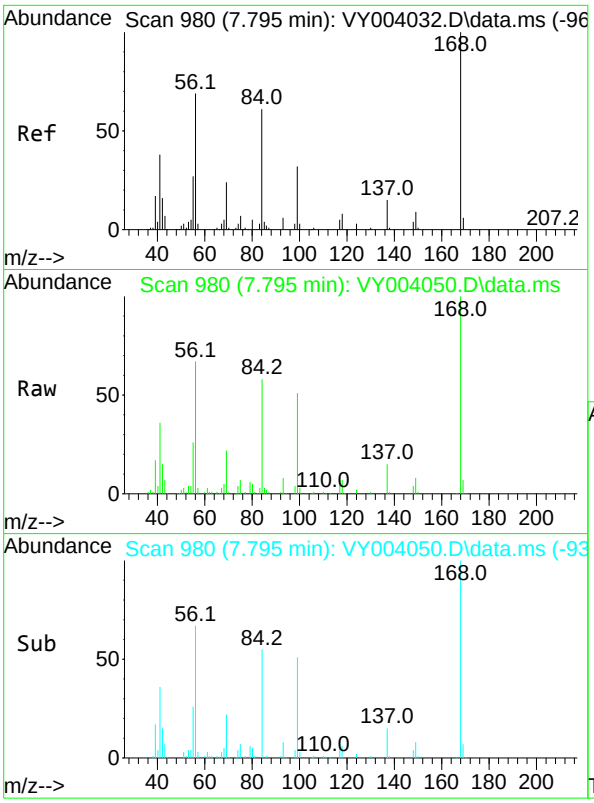
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
Data File : VY004050.D
Acq On : 24 Feb 2021 13:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 25 01:13:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 23 03:42:58 2021
Response via : Initial Calibration

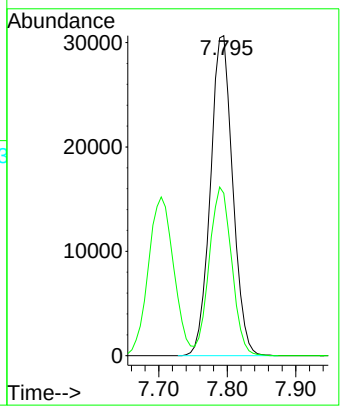




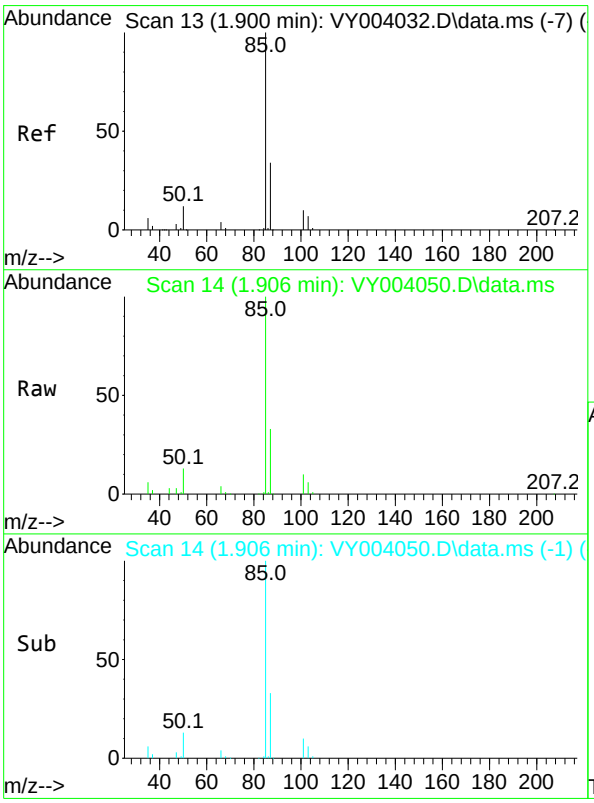
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:168 Resp: 69271

Ion	Ratio	Lower	Upper
168	100		
99	50.7	41.2	61.8



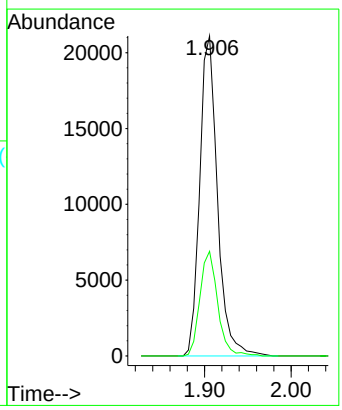
Instrument :
MSVOA_Y
ClientSampleId :



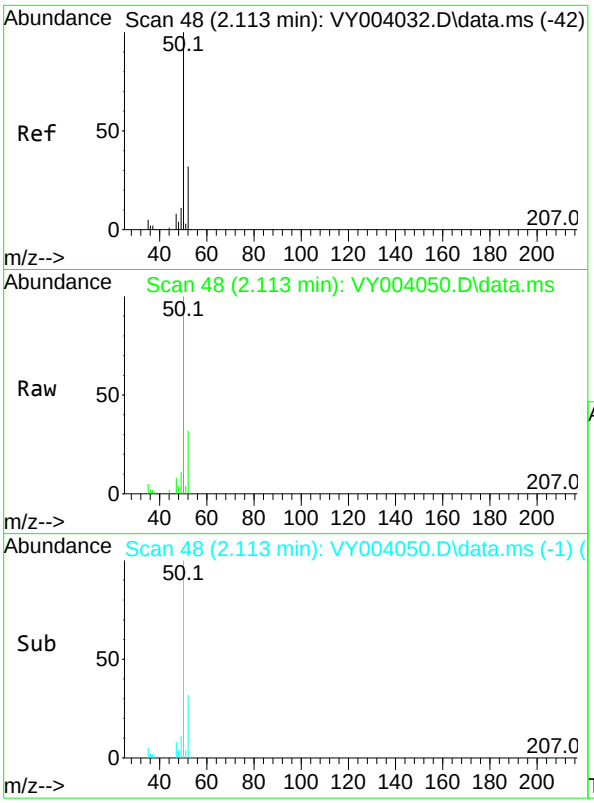
#2
Dichlorodifluoromethane
Concen: 45.66 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 85 Resp: 30016

Ion	Ratio	Lower	Upper
85	100		
87	32.7	17.0	51.0



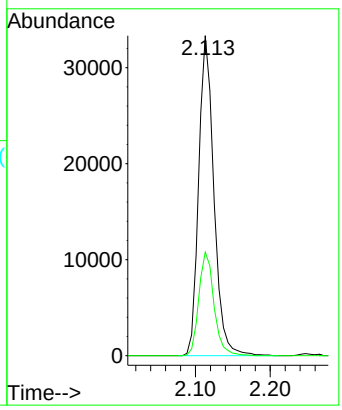
Instrument :
MSVOA_Y
ClientSampleId :

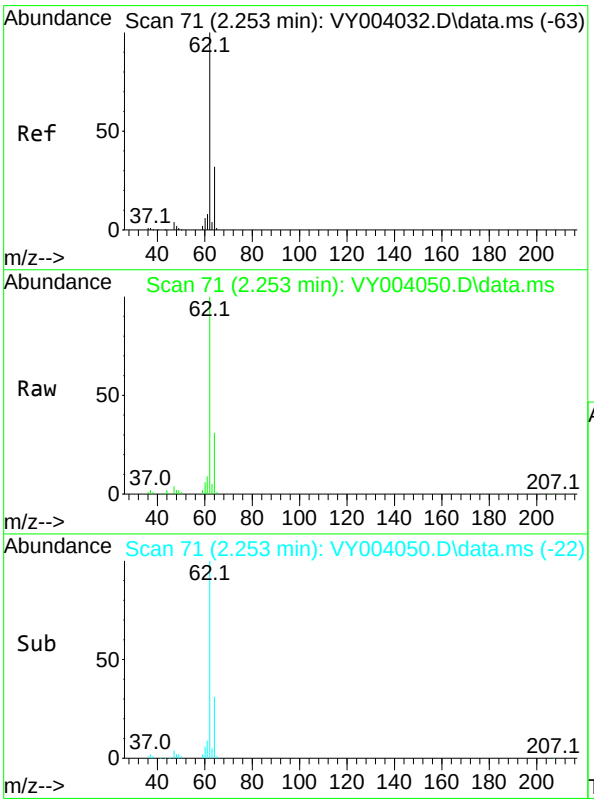


#3
Chloromethane
Concen: 47.92 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 50 Resp: 47052

Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.4	38.2

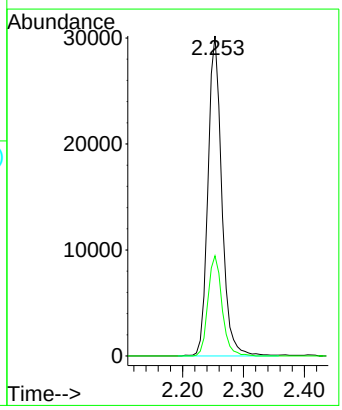


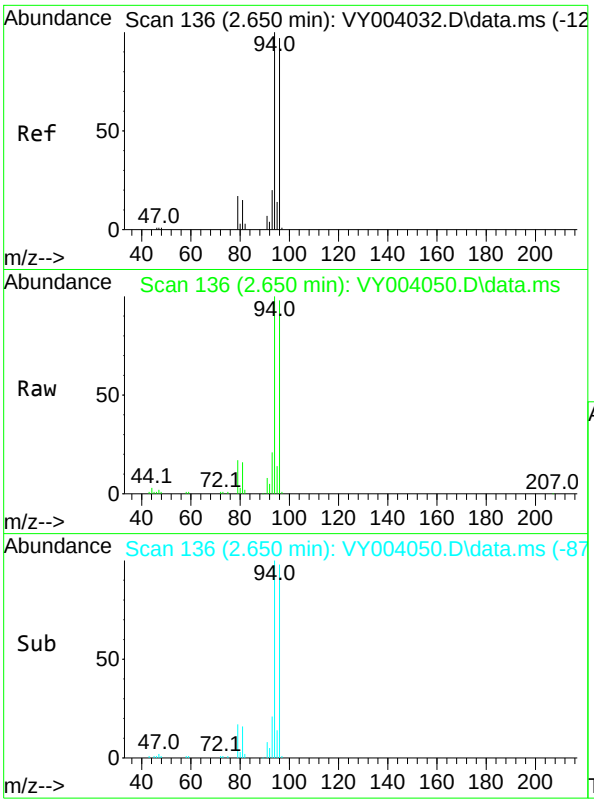


#4
Vinyl Chloride
Concen: 49.97 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 62 Resp: 47595

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.3	37.9

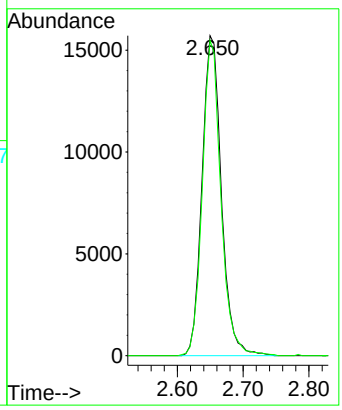




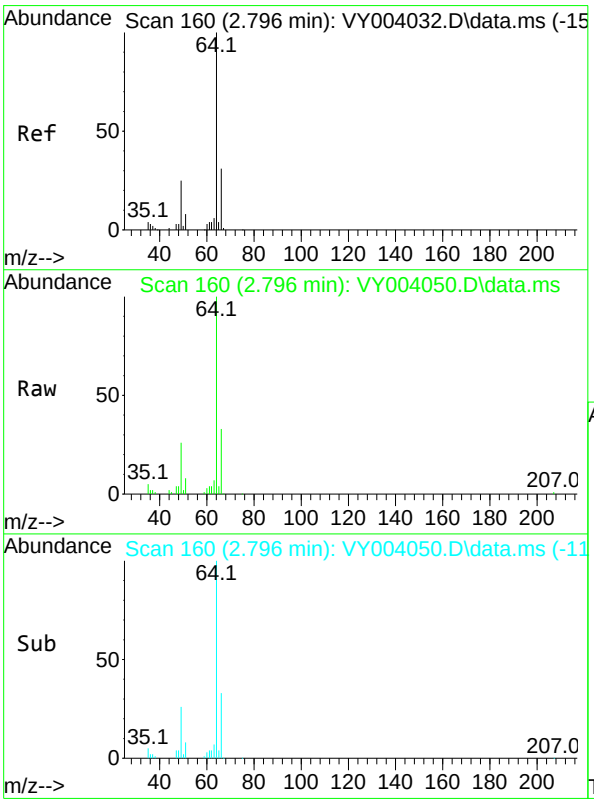
#5
Bromomethane
Concen: 50.27 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 94 Resp: 32100

Ion	Ratio	Lower	Upper
94	100		
96	98.5	77.4	116.2



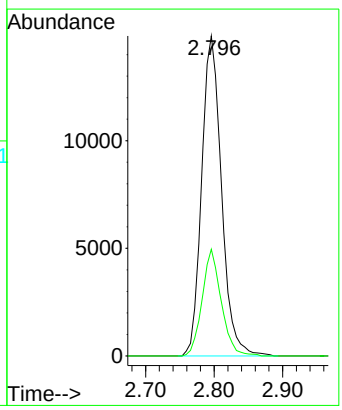
Instrument :
MSVOA_Y
ClientSampleId :

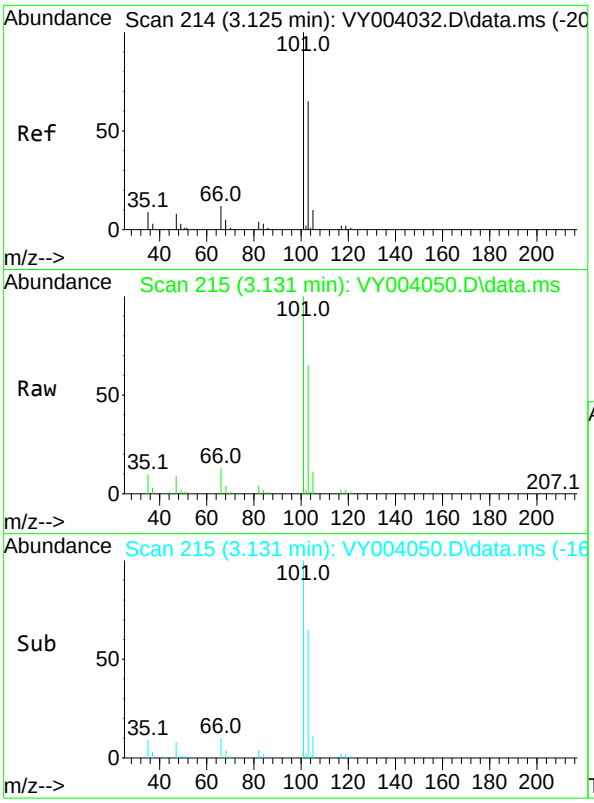


#6
Chloroethane
Concen: 52.14 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 64 Resp: 29992

Ion	Ratio	Lower	Upper
64	100		
66	33.3	25.0	37.6

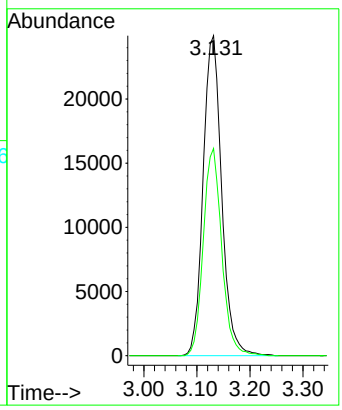




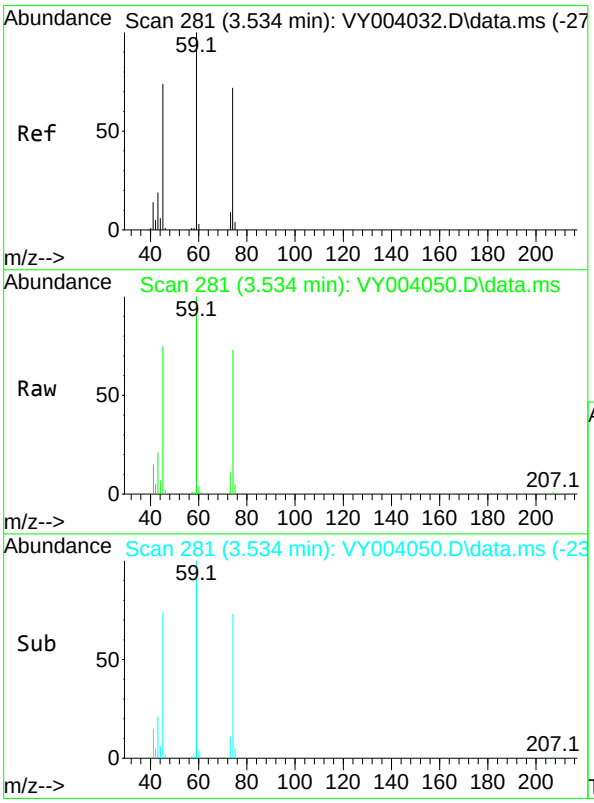
#7
Trichlorofluoromethane
Concen: 50.83 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:101 Resp: 60542

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2



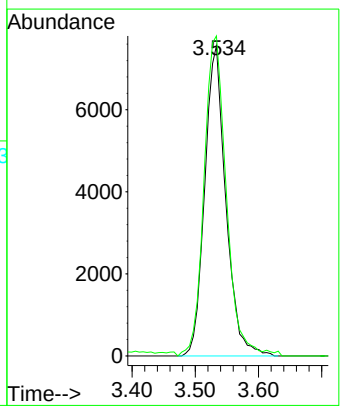
Instrument :
MSVOA_Y
ClientSampleId :

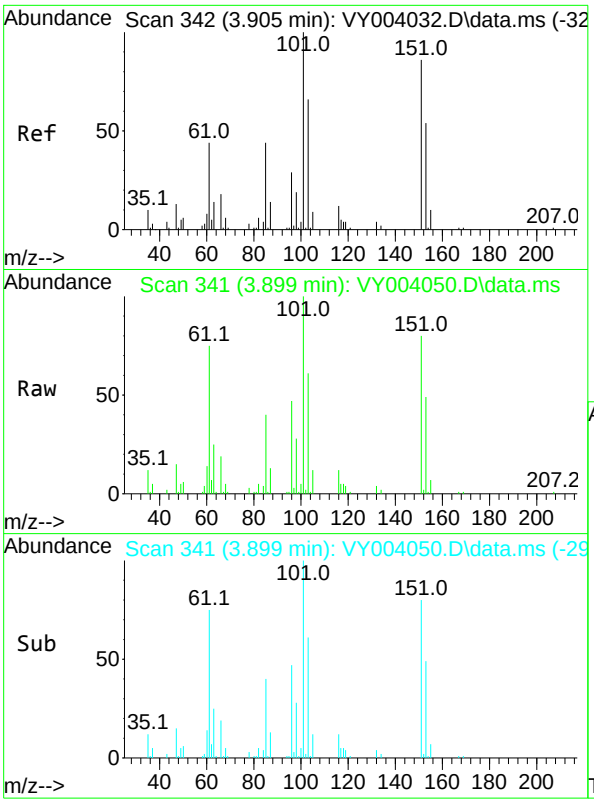


#8
Diethyl Ether
Concen: 45.92 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 74 Resp: 17502

Ion	Ratio	Lower	Upper
74	100		
45	109.2	52.6	157.8

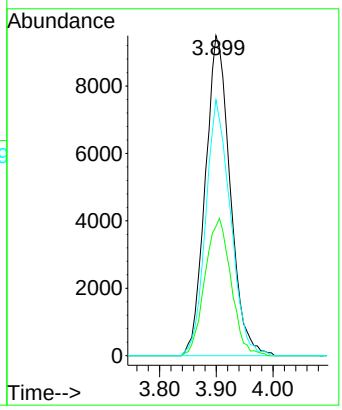




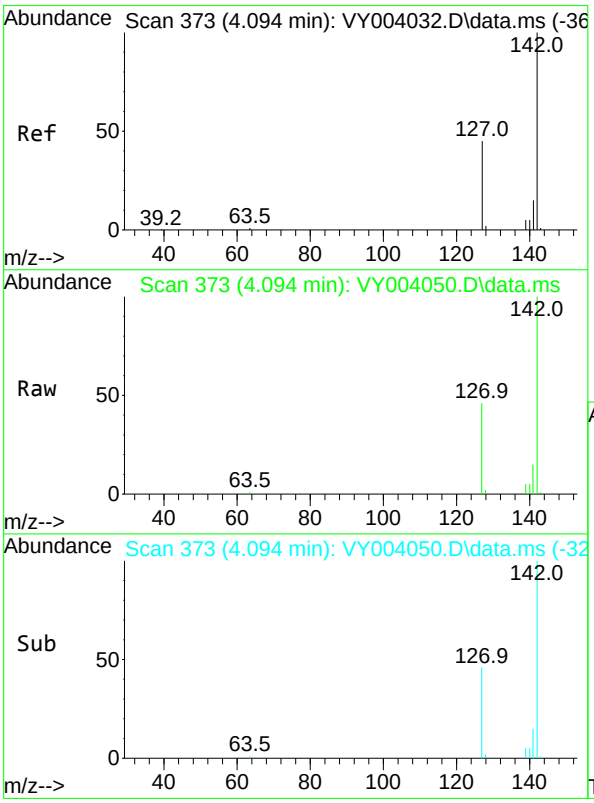
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.33 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:101 Resp: 28873

Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.1	54.1
151	79.9	66.9	100.3



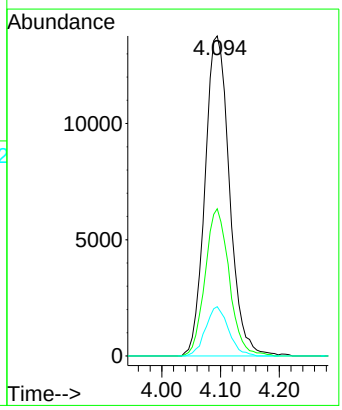
Instrument :
MSVOA_Y
ClientSampleId :

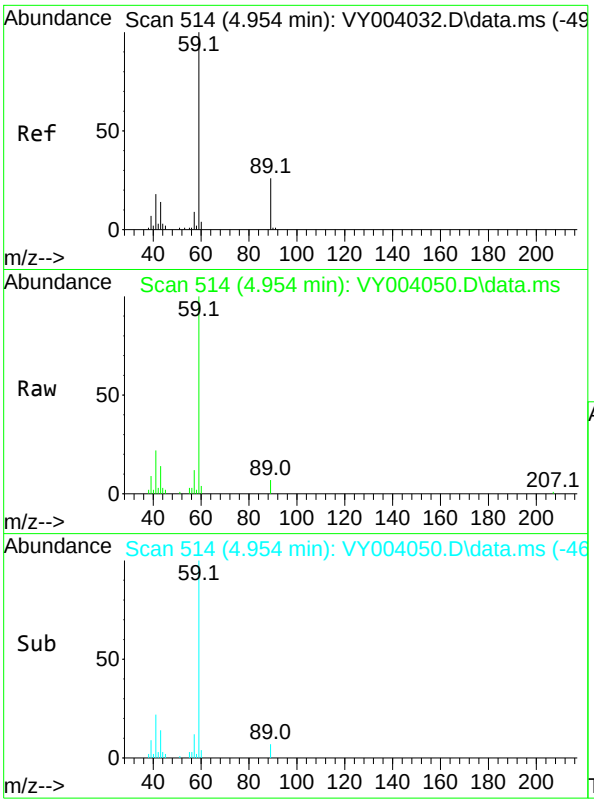


#10
Methyl Iodide
Concen: 49.86 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:142 Resp: 39886

Ion	Ratio	Lower	Upper
142	100		
127	45.4	35.4	53.0
141	14.5	11.5	17.3

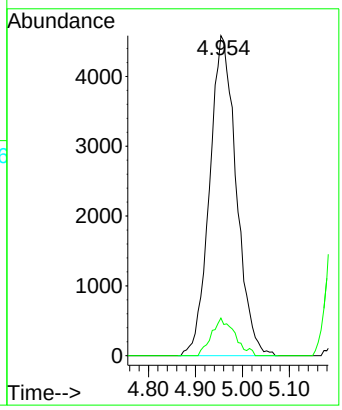




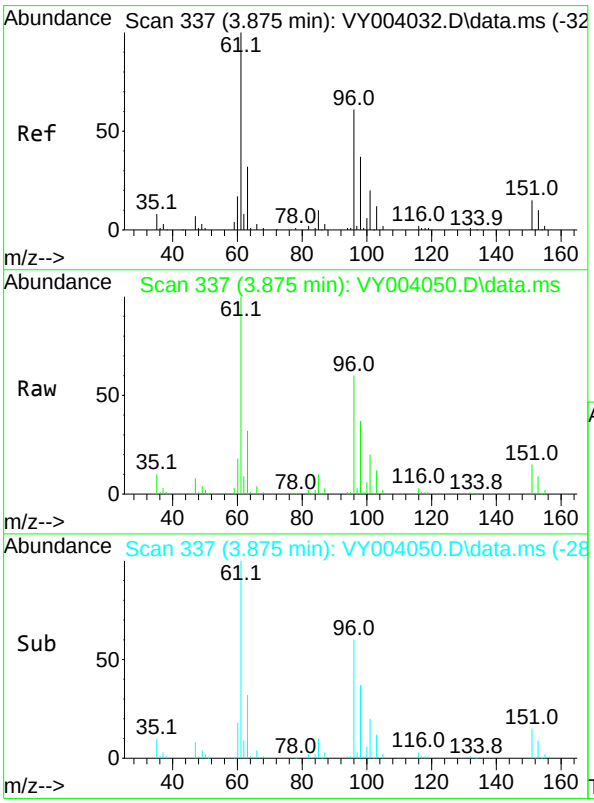
#11
Tert butyl alcohol
Concen: 236.48 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 59 Resp: 18094

Ion	Ratio	Lower	Upper
59	100		
57	10.2	6.9	10.3



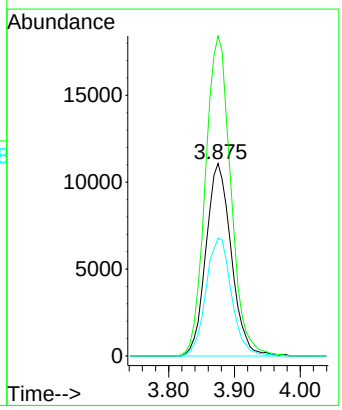
Instrument :
MSVOA_Y
ClientSampleId :



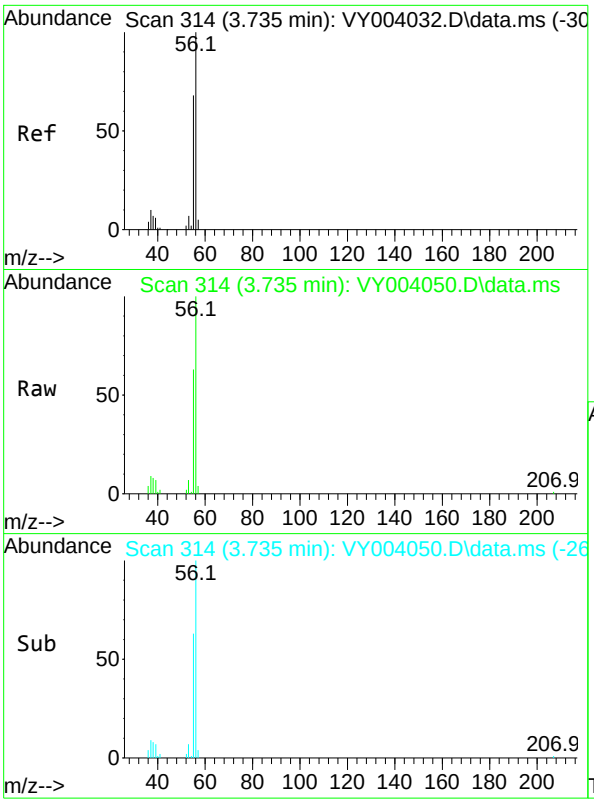
#12
1,1-Dichloroethene
Concen: 46.25 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 96 Resp: 29575

Ion	Ratio	Lower	Upper
96	100		
61	166.2	130.7	196.1
98	61.3	48.9	73.3



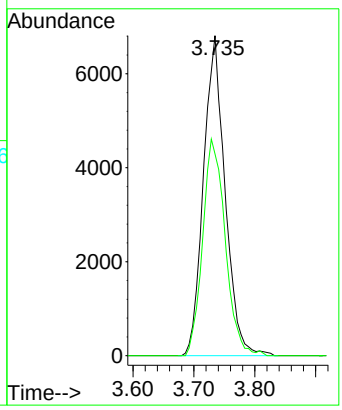
Instrument :
MSVOA_Y
ClientSampleId :

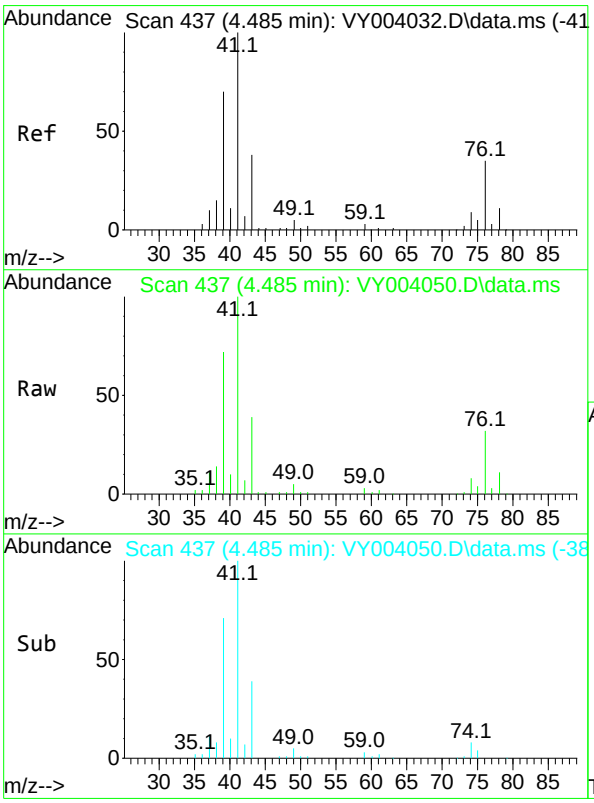


#13
Acrolein
Concen: 218.00 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 56 Resp: 16760

Ion	Ratio	Lower	Upper
56	100		
55	70.8	55.4	83.0

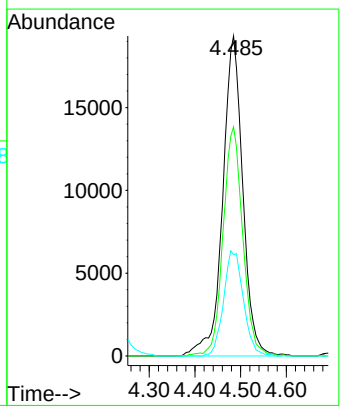




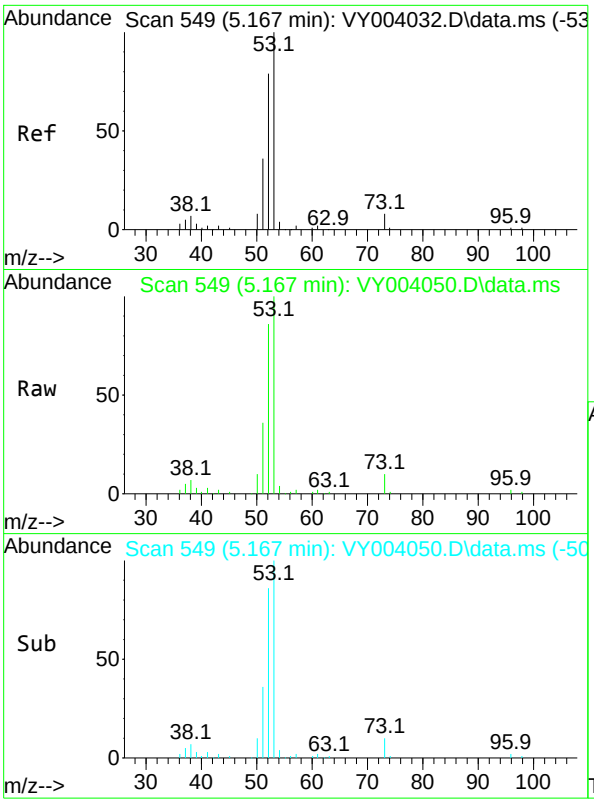
#14
Allyl chloride
Concen: 48.68 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 41 Resp: 59009

Ion	Ratio	Lower	Upper
41	100		
39	70.0	54.0	81.0
76	32.4	26.1	39.1



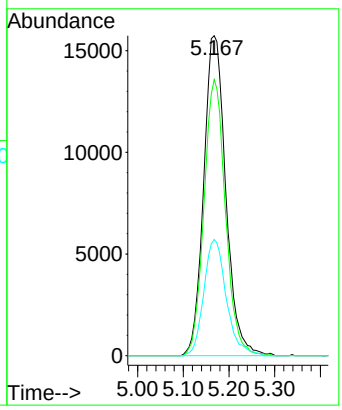
Instrument :
MSVOA_Y
ClientSampleId :

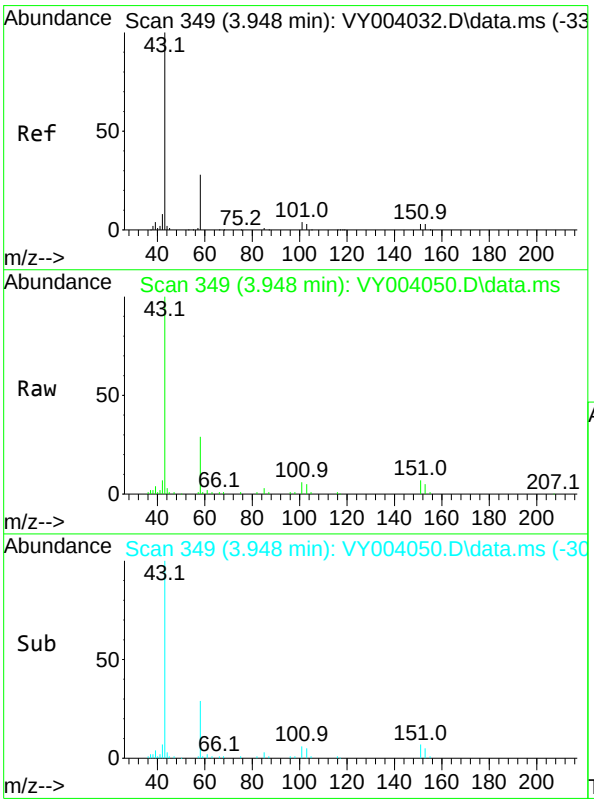


#15
Acrylonitrile
Concen: 263.86 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 53 Resp: 53010

Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.2	99.4
51	36.9	29.5	44.3

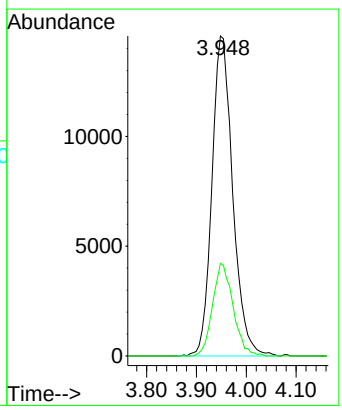


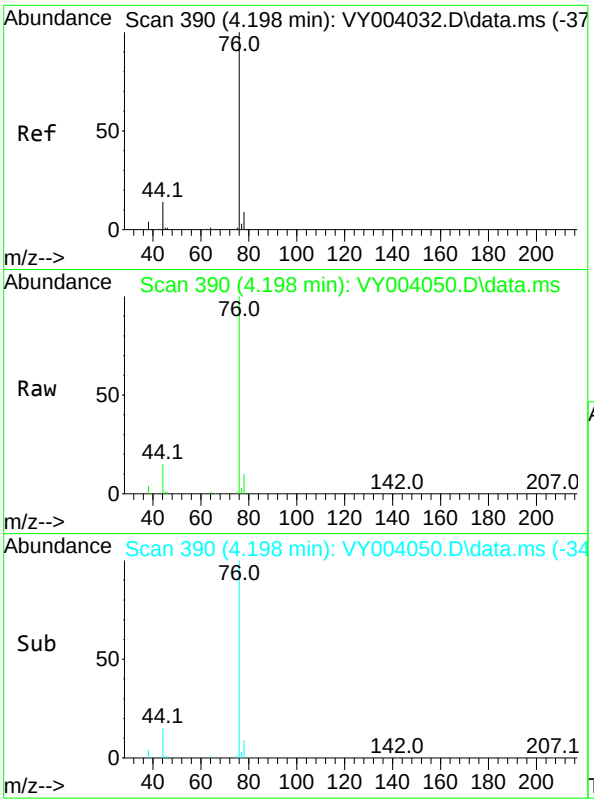


#16
Acetone
Concen: 216.32 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 42260

Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.6	34.0

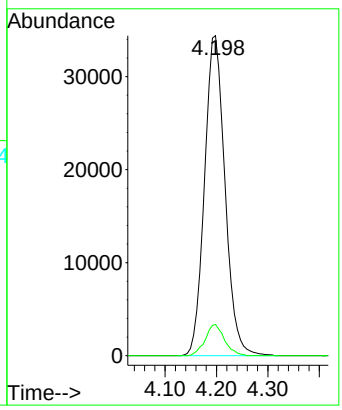




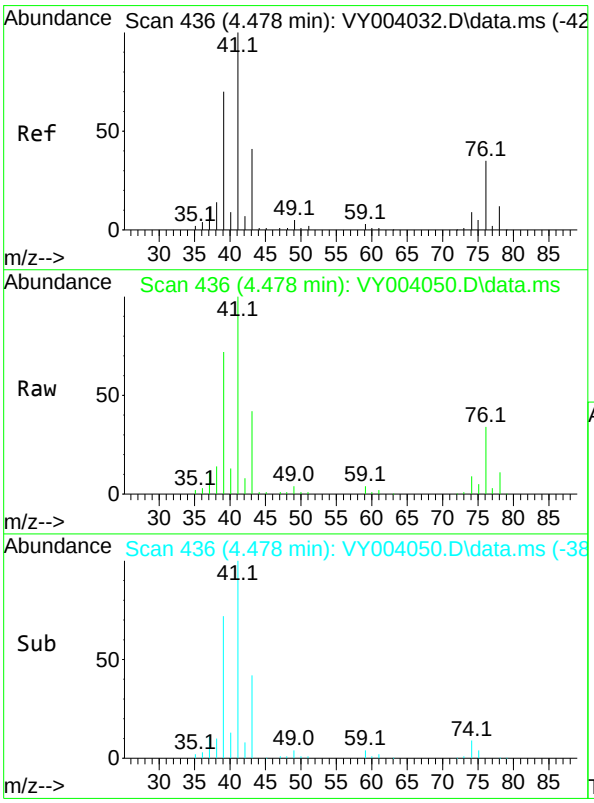
#17
Carbon Disulfide
Concen: 46.09 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 76 Resp: 95226

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.8	10.2



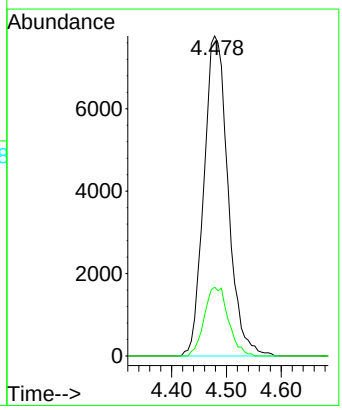
Instrument :
MSVOA_Y
ClientSampleId :

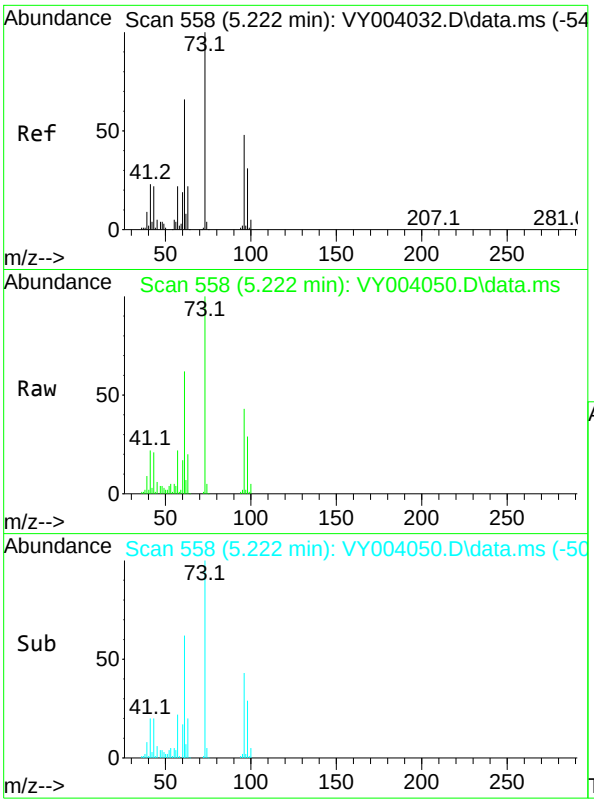


#18
Methyl Acetate
Concen: 51.62 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 23697

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.6	26.4

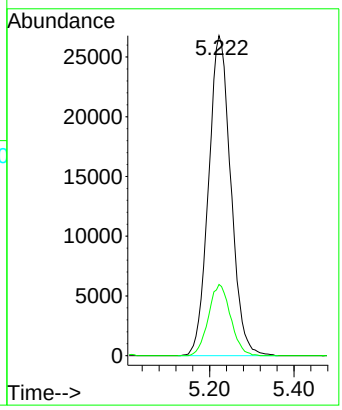




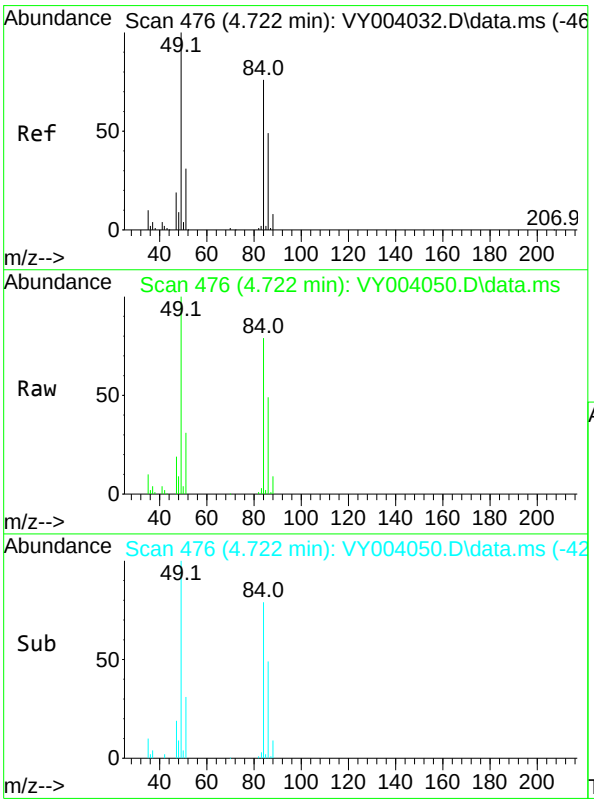
#19
Methyl tert-butyl Ether
Concen: 52.21 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 73 Resp: 98030

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.5	26.3



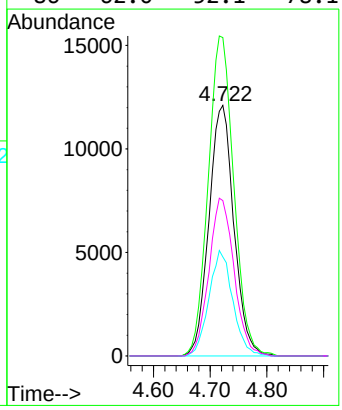
Instrument :
MSVOA_Y
ClientSampleId :

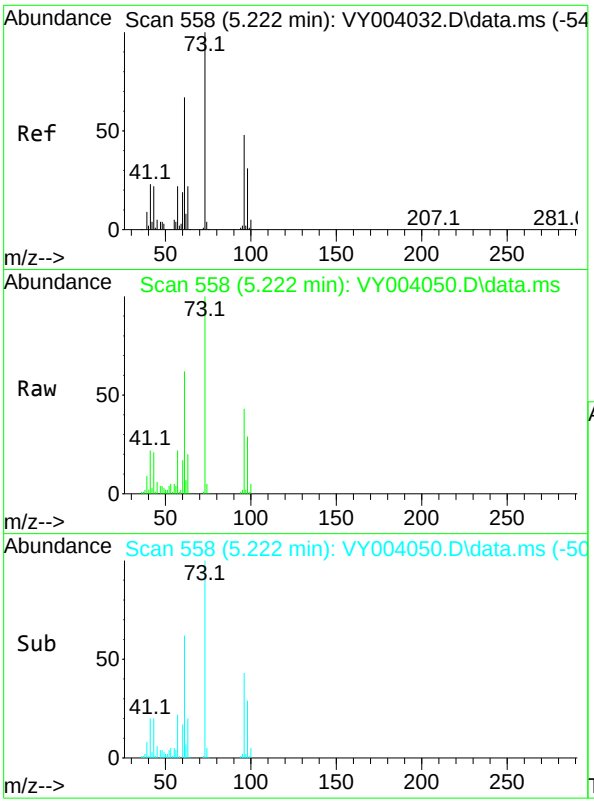


#20
Methylene Chloride
Concen: 46.77 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 84 Resp: 36933

Ion	Ratio	Lower	Upper
84	100		
49	127.1	105.8	158.6
51	39.5	32.6	48.8
86	62.0	52.1	78.1

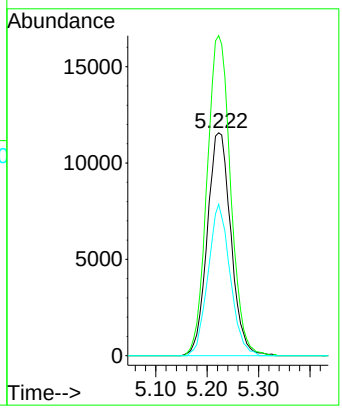




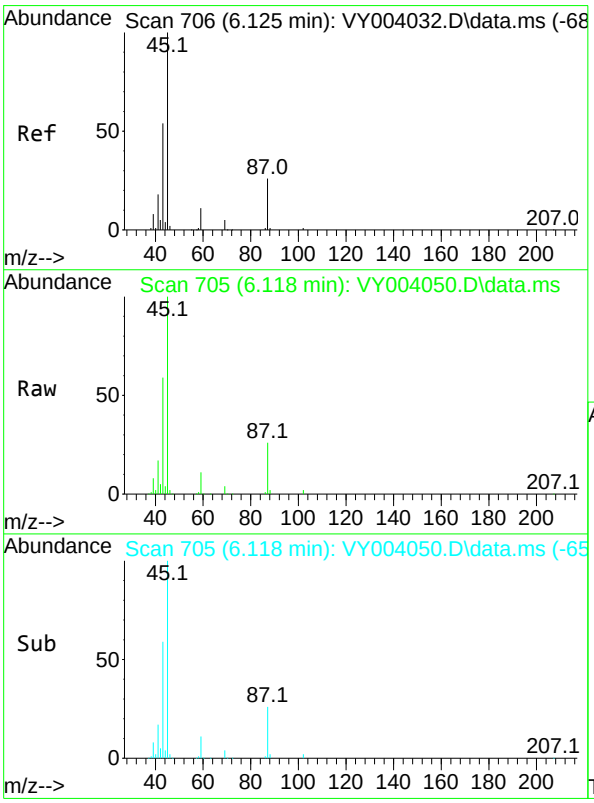
#21
trans-1,2-Dichloroethene
Concen: 51.35 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 96 Resp: 36913

Ion	Ratio	Lower	Upper
96	100		
61	143.6	110.8	166.2
98	67.9	51.0	76.6



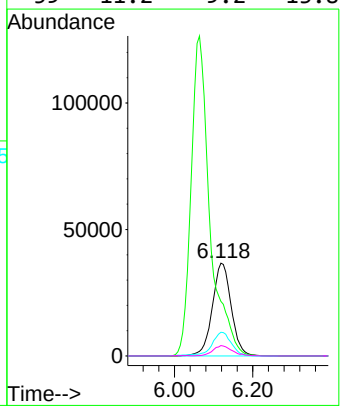
Instrument :
MSVOA_Y
ClientSampleId :



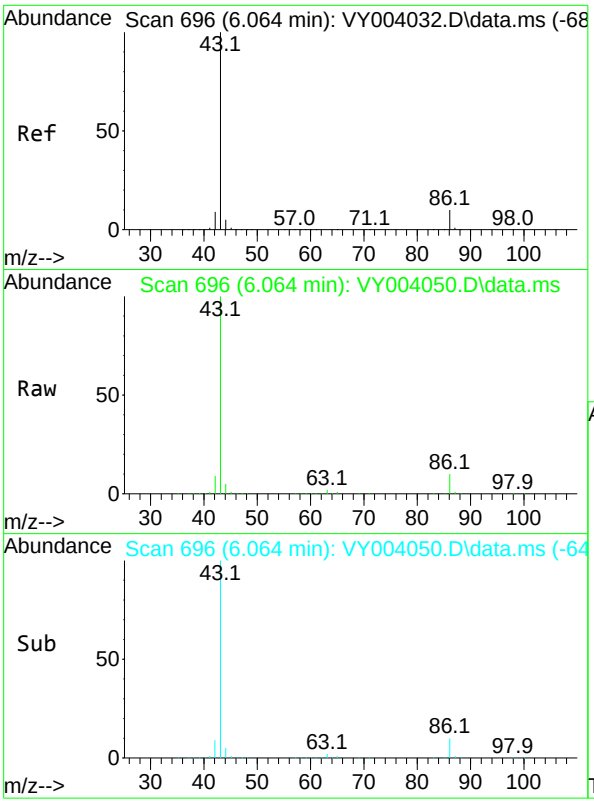
#22
Diisopropyl ether
Concen: 51.61 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 45 Resp: 122956

Ion	Ratio	Lower	Upper
45	100		
43	58.5	45.1	67.7
87	25.6	21.0	31.4
59	11.2	9.2	13.8



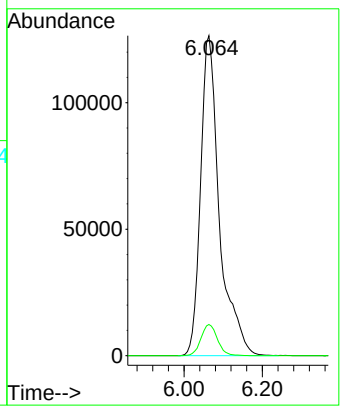
Instrument :
MSVOA_Y
ClientSampleId :

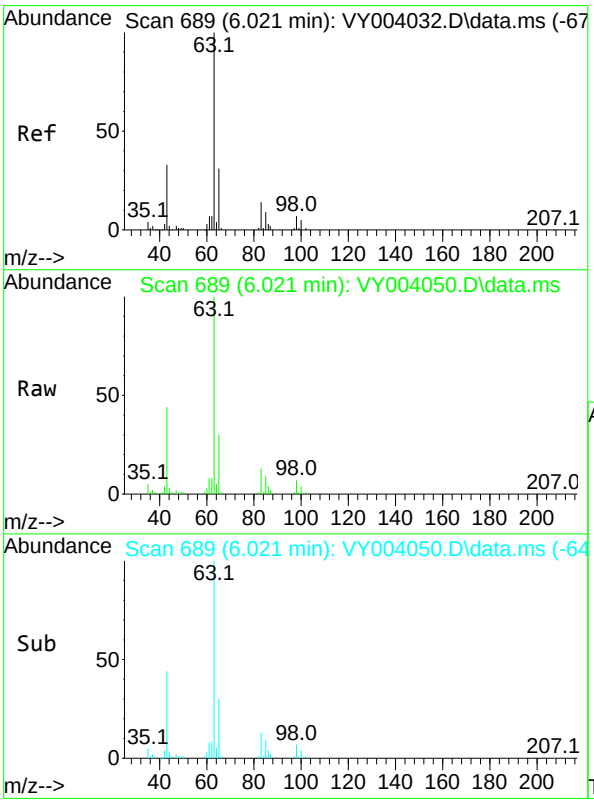


#23
Vinyl Acetate
Concen: 261.87 ug/l
RT: 6.064 min Scan# 696
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 422510

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.6

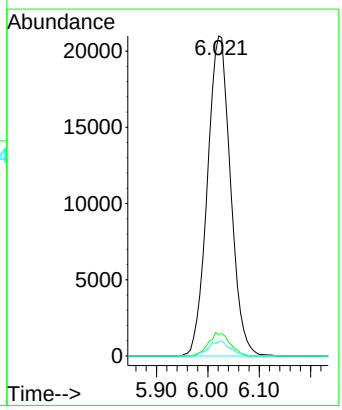




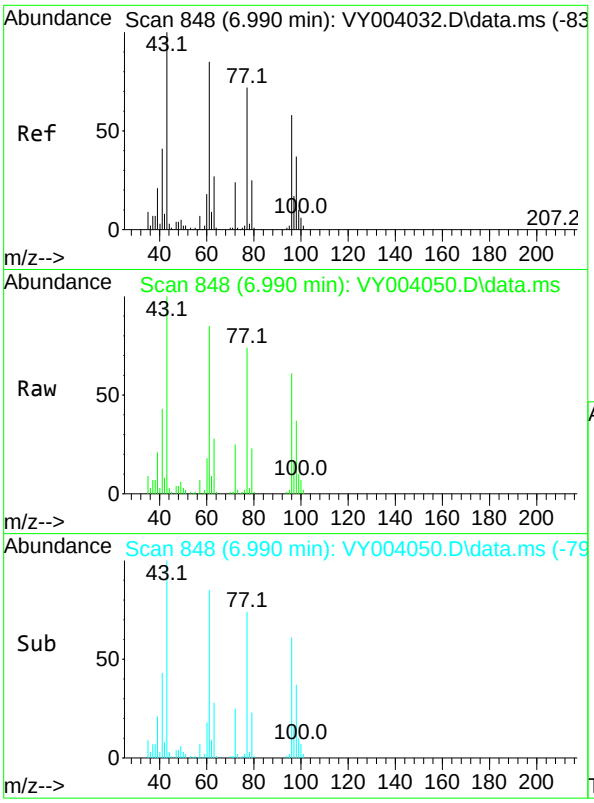
#24
1,1-Dichloroethane
Concen: 51.55 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 63 Resp: 65694

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.4
100	4.4	2.3	6.9



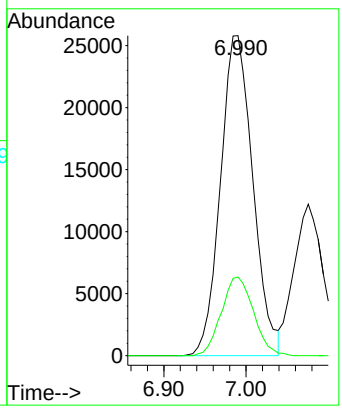
Instrument :
MSVOA_Y
ClientSampleId :

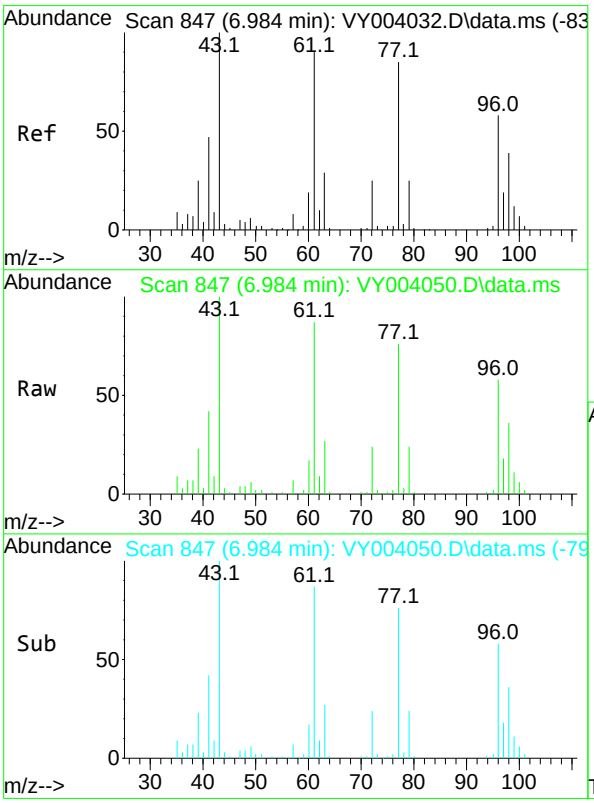


#25
2-Butanone
Concen: 254.15 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 70749

Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.4	29.0

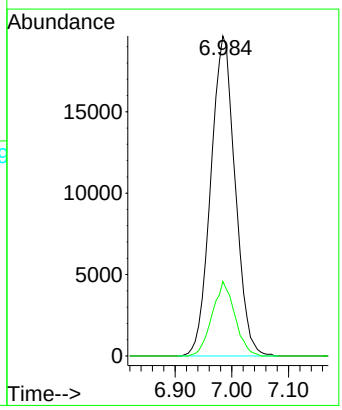




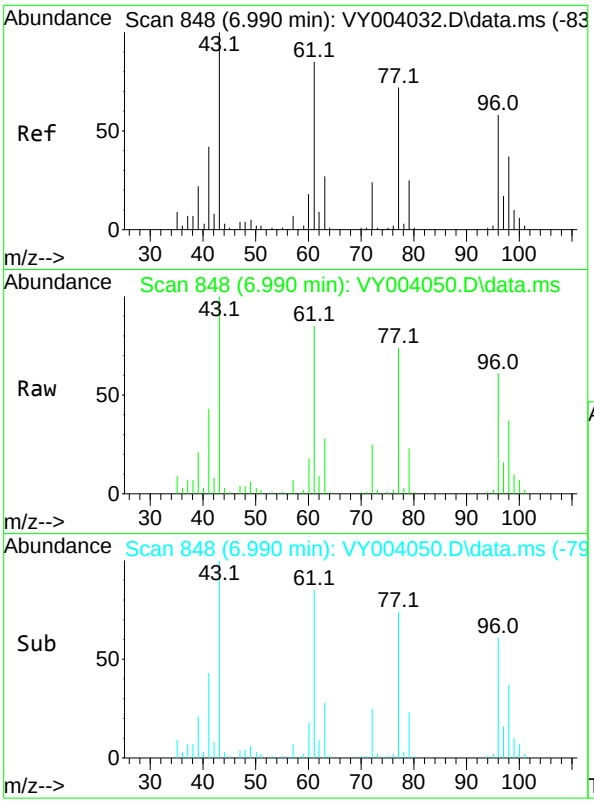
#26
2,2-Dichloropropane
Concen: 49.79 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 77 Resp: 58674

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.4	34.1



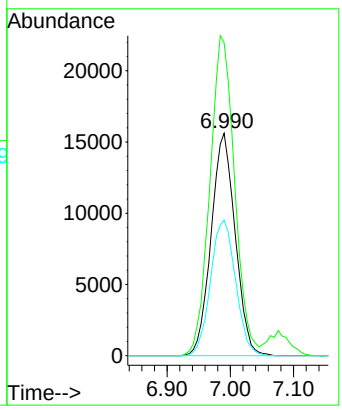
Instrument :
MSVOA_Y
ClientSampleId :

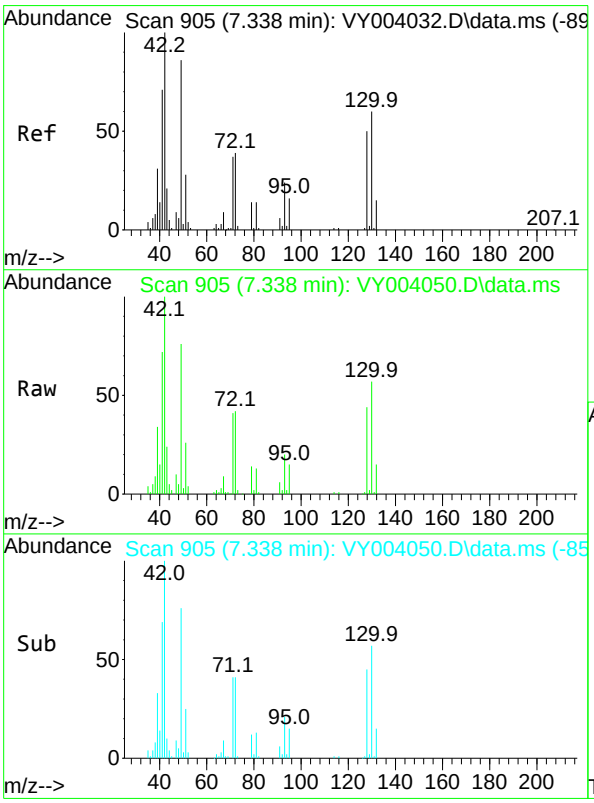


#27
cis-1,2-Dichloroethene
Concen: 52.24 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 96 Resp: 41250

Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	303.6
98	63.5	0.0	130.6

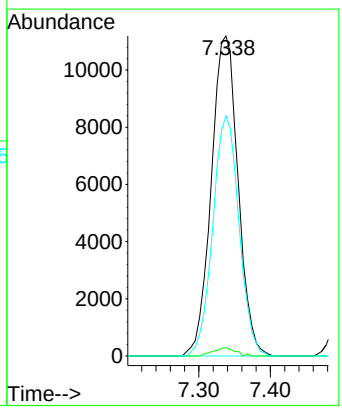




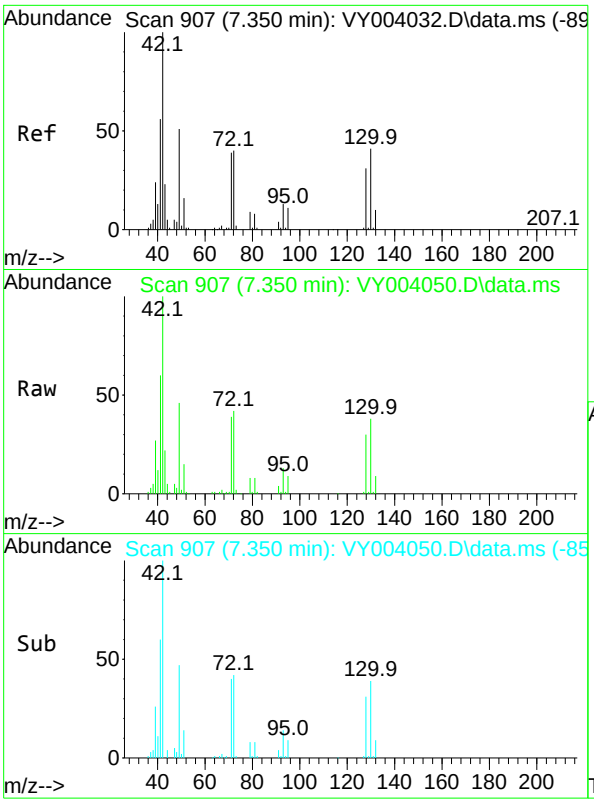
#28
Bromochloromethane
Concen: 51.72 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 49 Resp: 29126

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	73.3	59.0	88.4



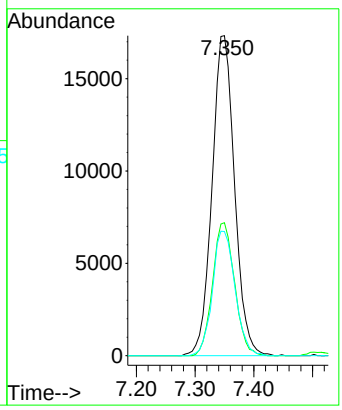
Instrument :
MSVOA_Y
ClientSampleId :

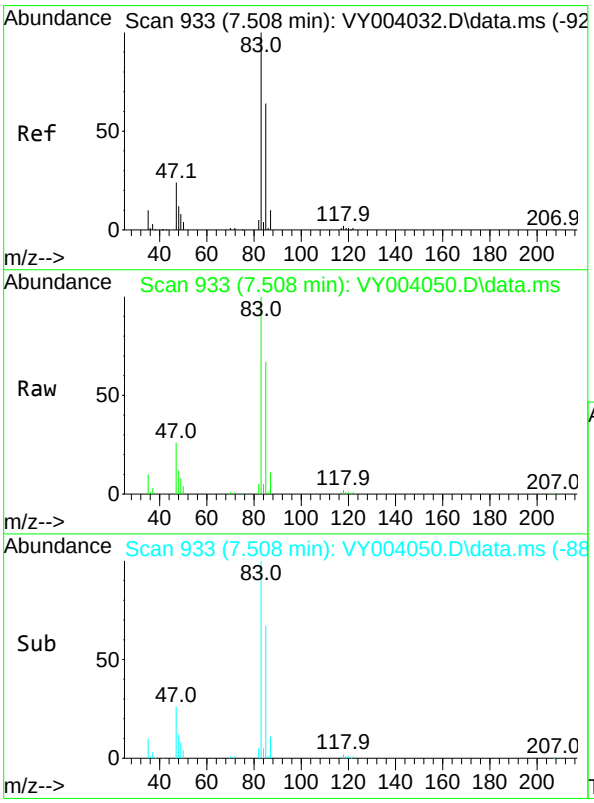


#29
Tetrahydrofuran
Concen: 256.59 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 42 Resp: 46100

Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.6	48.8
71	39.1	31.0	46.6

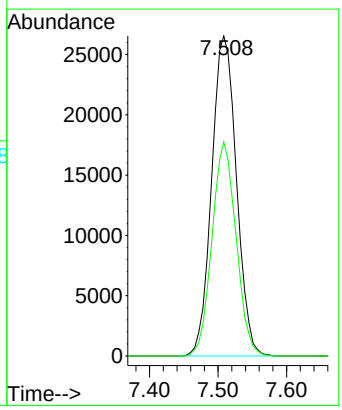


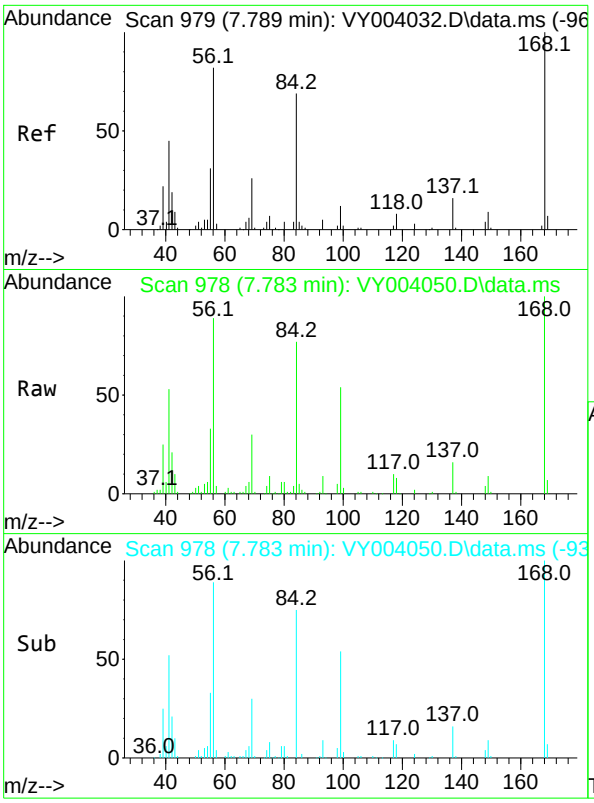


#30
Chloroform
Concen: 51.42 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 83 Resp: 66467

Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.0	76.6

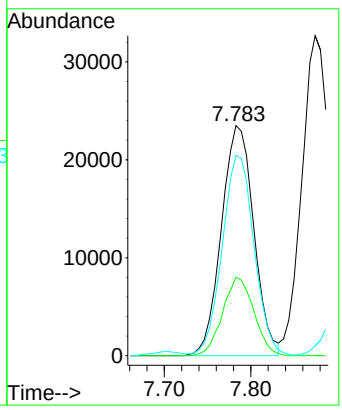




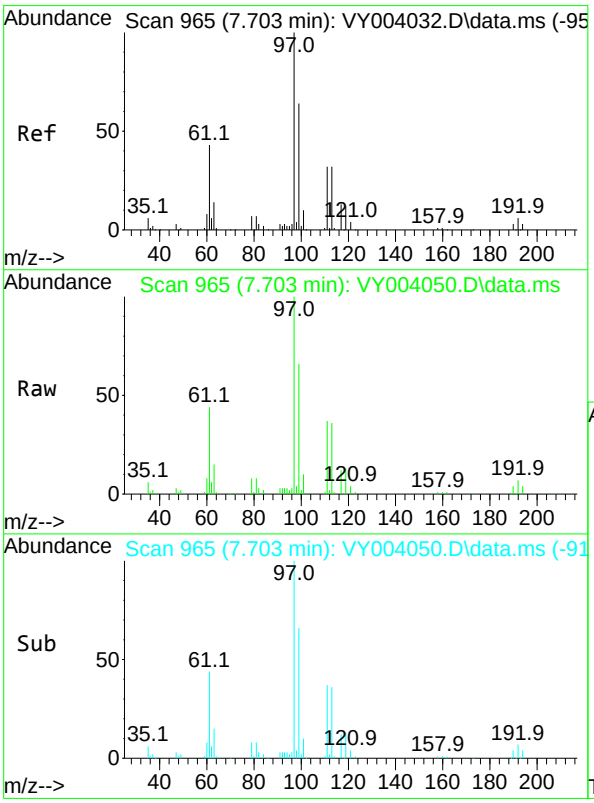
#31
Cyclohexane
Concen: 47.05 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 56 Resp: 61032

Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.3	37.9
84	85.7	67.3	100.9



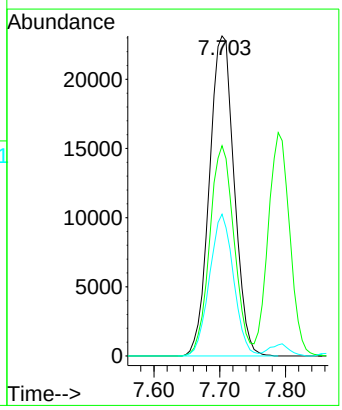
Instrument :
MSVOA_Y
ClientSampleId :



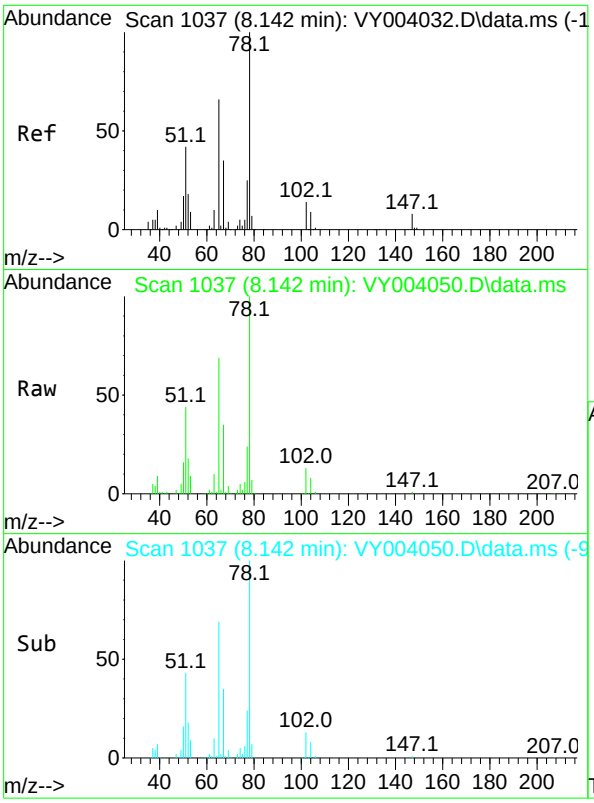
#32
1,1,1-Trichloroethane
Concen: 51.10 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 97 Resp: 60670

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	43.1	34.5	51.7



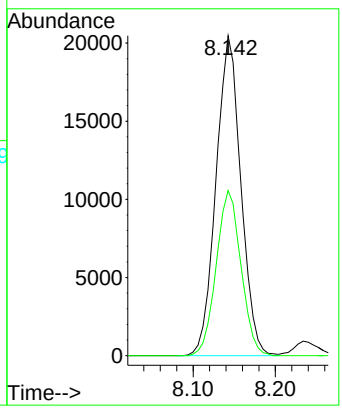
Instrument :
MSVOA_Y
ClientSampleId :

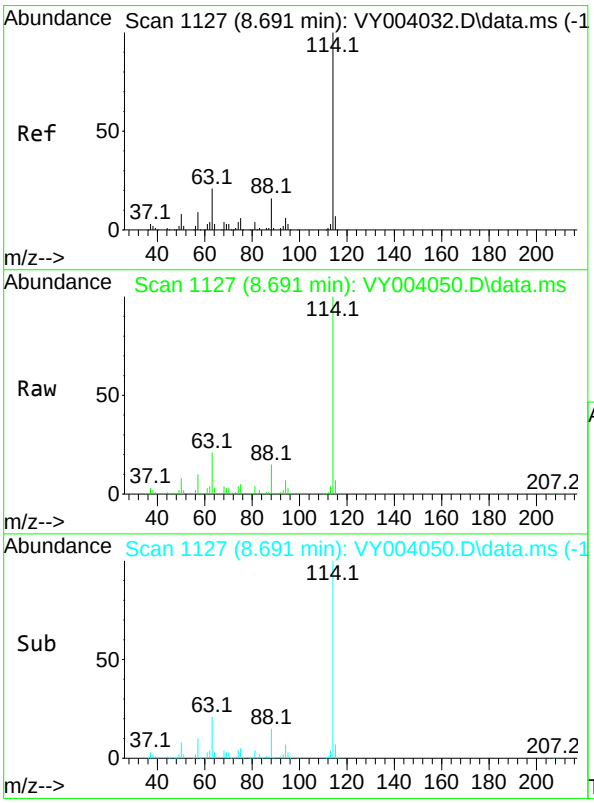


#33
1,2-Dichloroethane-d4
Concen: 55.57 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 65 Resp: 42955

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.4

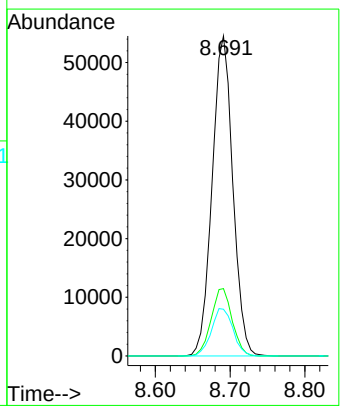




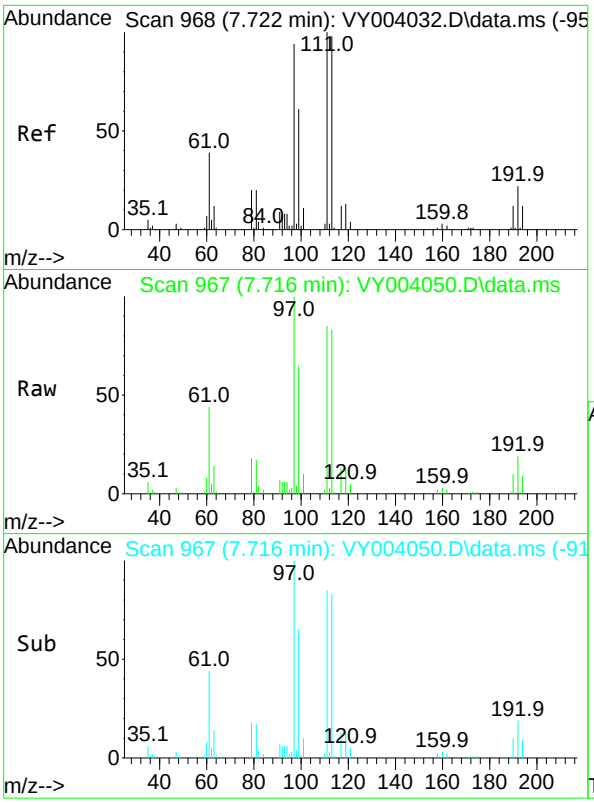
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:114 Resp: 104890

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	14.6	0.0	31.4



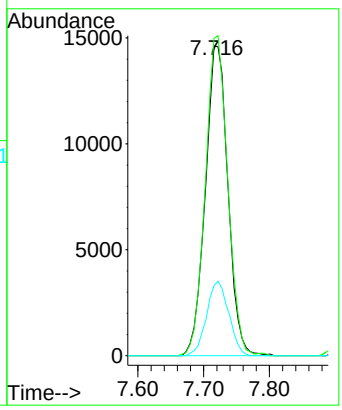
Instrument :
MSVOA_Y
ClientSampleId :

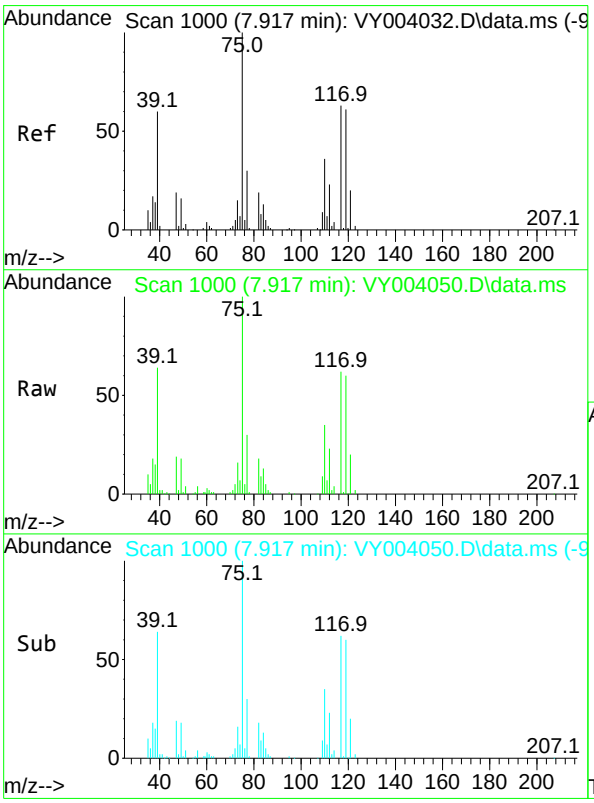


#35
Dibromofluoromethane
Concen: 55.23 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:113 Resp: 34923

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	23.5	18.5	27.7

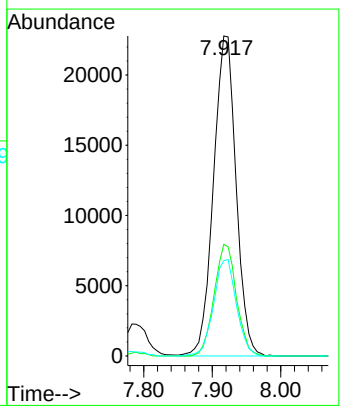




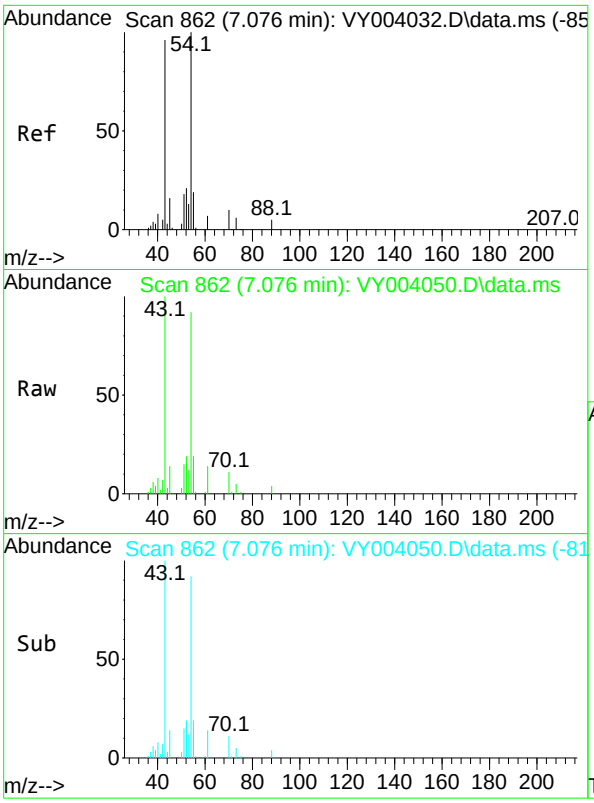
#36
1,1-Dichloropropene
Concen: 49.58 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 75 Resp: 52077

Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.4	52.3
77	30.5	24.5	36.7



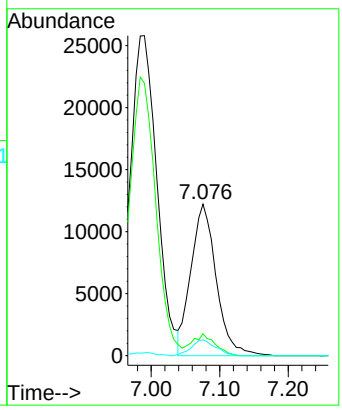
Instrument :
MSVOA_Y
ClientSampleId :

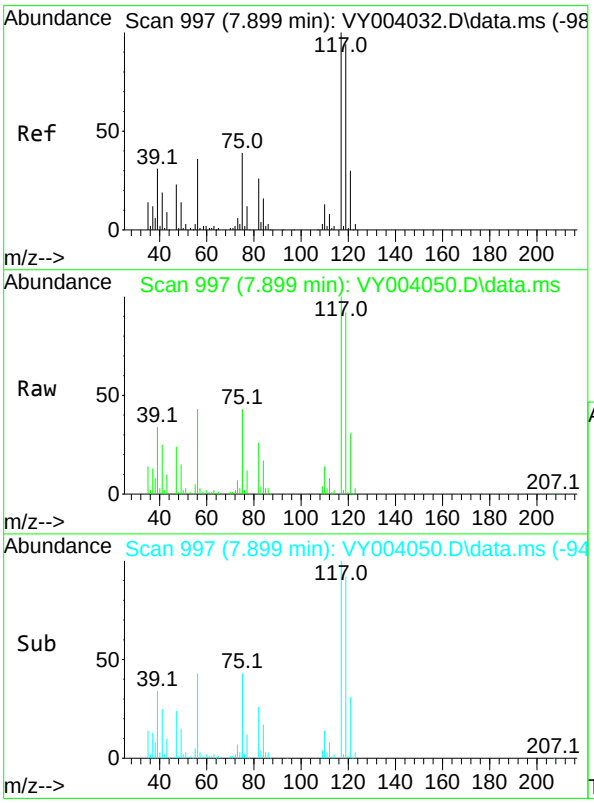


#37
Ethyl Acetate
Concen: 50.51 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 31370

Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	10.0	7.7	11.5

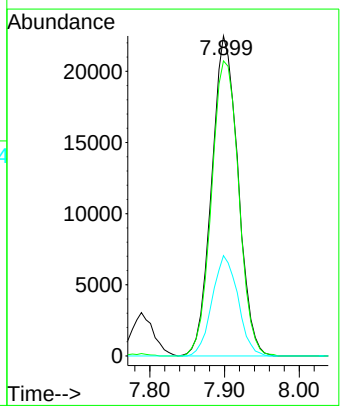


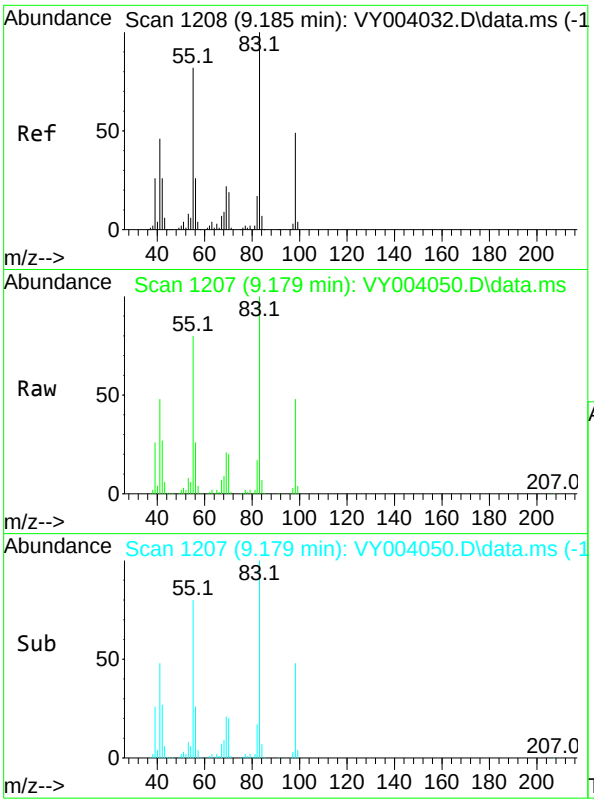


#38
Carbon Tetrachloride
Concen: 50.72 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:117 Resp: 55010

Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.4	113.0
121	31.3	24.2	36.2

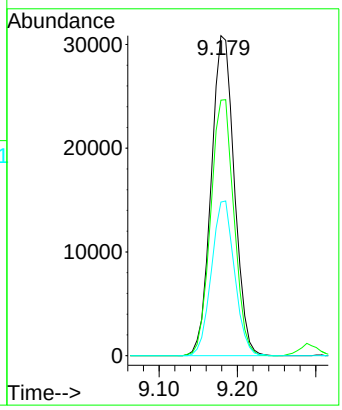




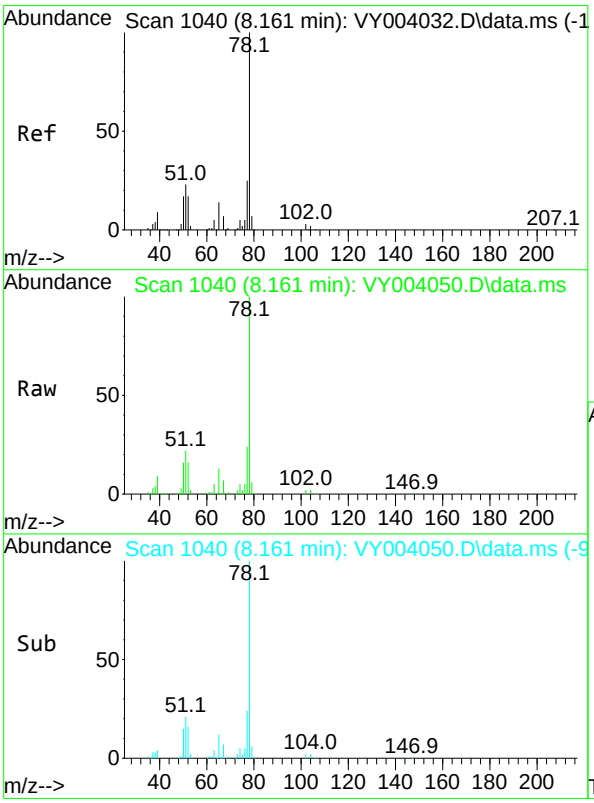
#39
Methylcyclohexane
Concen: 49.85 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 83 Resp: 63264

Ion	Ratio	Lower	Upper
83	100		
55	79.9	65.6	98.4
98	48.0	39.5	59.3



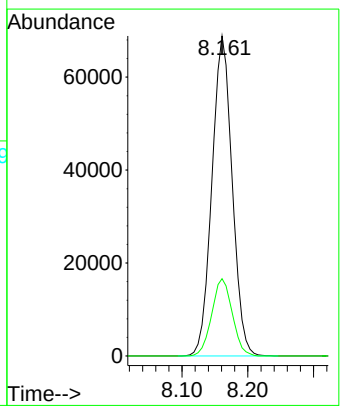
Instrument :
MSVOA_Y
ClientSampleId :

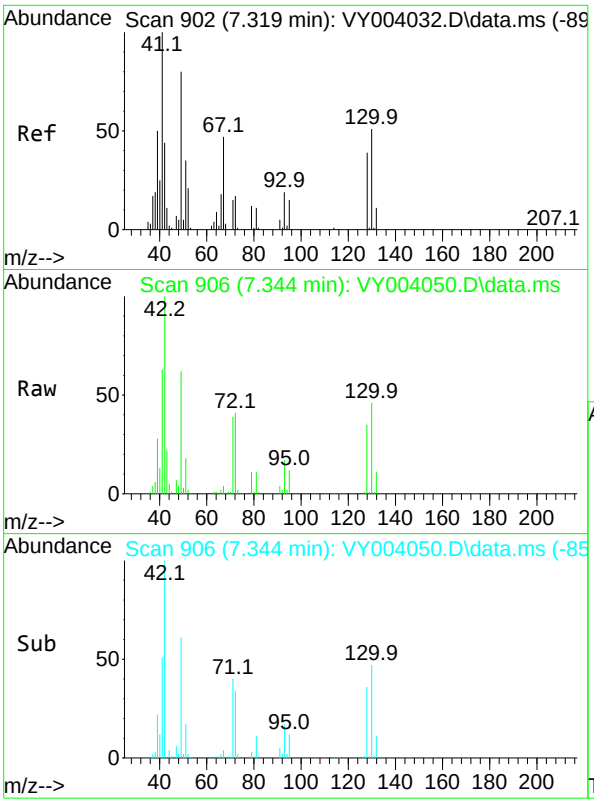


#40
Benzene
Concen: 50.53 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 78 Resp: 147408

Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.1	30.1

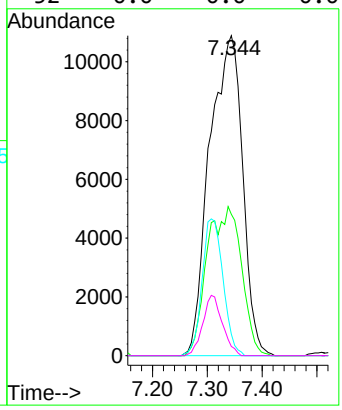




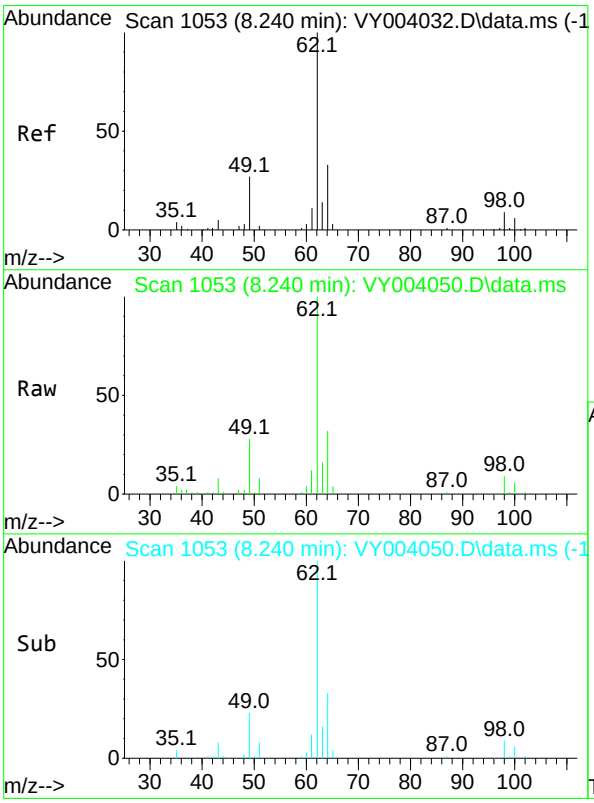
#41
Methacrylonitrile
Concen: 138.66 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 41 Resp: 45502

Ion	Ratio	Lower	Upper
41	100		
39	0.0	91.2	136.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



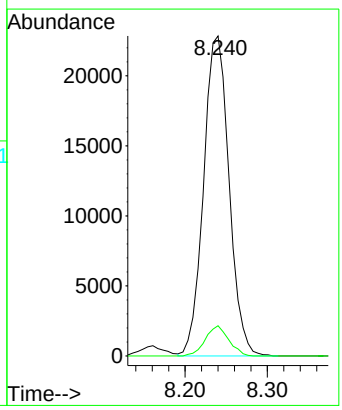
Instrument :
MSVOA_Y
ClientSampleId :

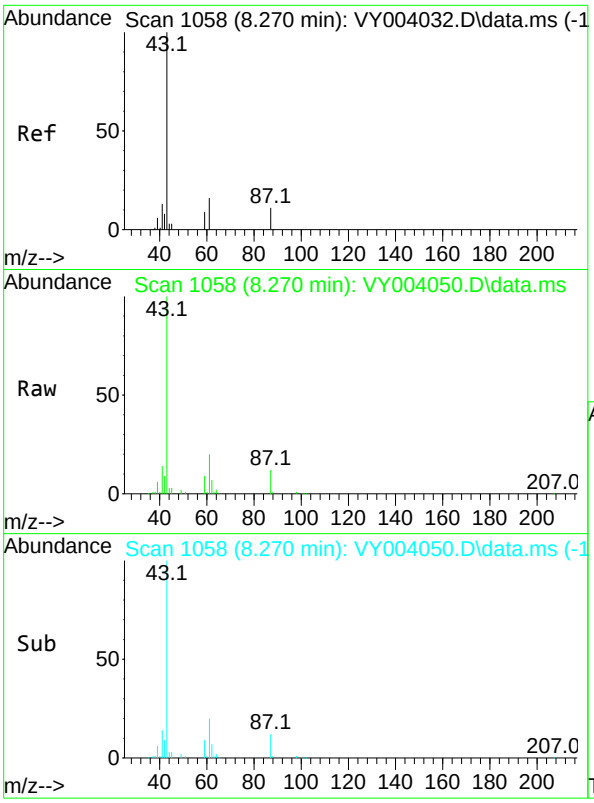


#42
1,2-Dichloroethane
Concen: 51.31 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 62 Resp: 49166

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

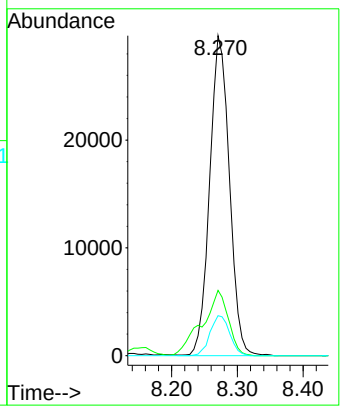




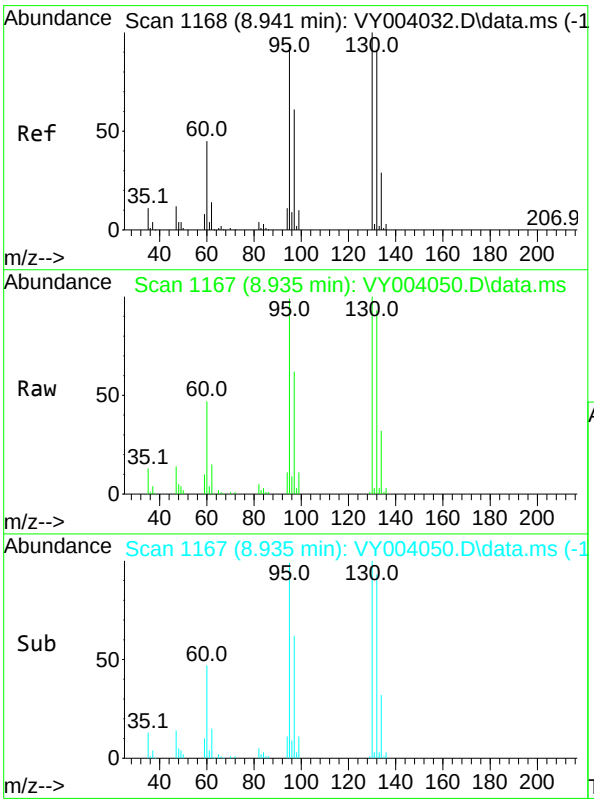
#43
Isopropyl Acetate
Concen: 53.01 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 62037

Ion	Ratio	Lower	Upper
43	100		
61	27.0	22.1	33.1
87	12.4	9.8	14.8



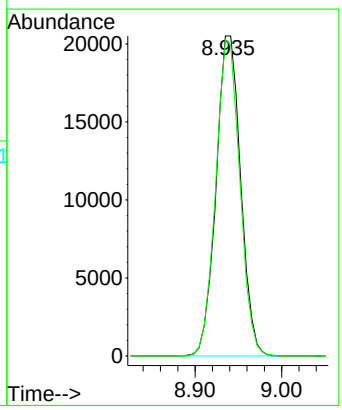
Instrument :
MSVOA_Y
ClientSampleId :

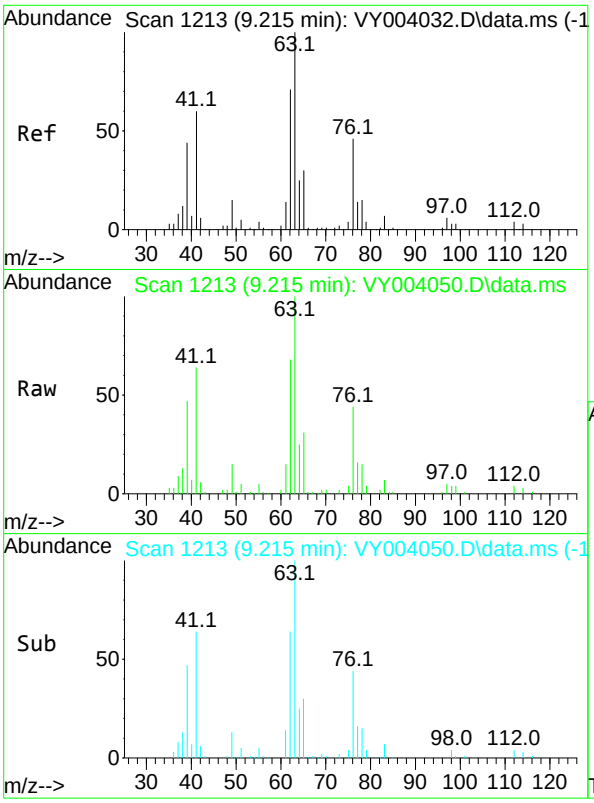


#44
Trichloroethene
Concen: 50.04 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:130 Resp: 40329

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	188.0

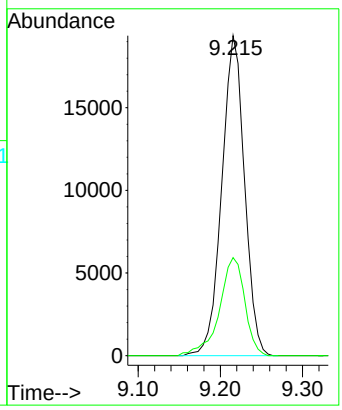




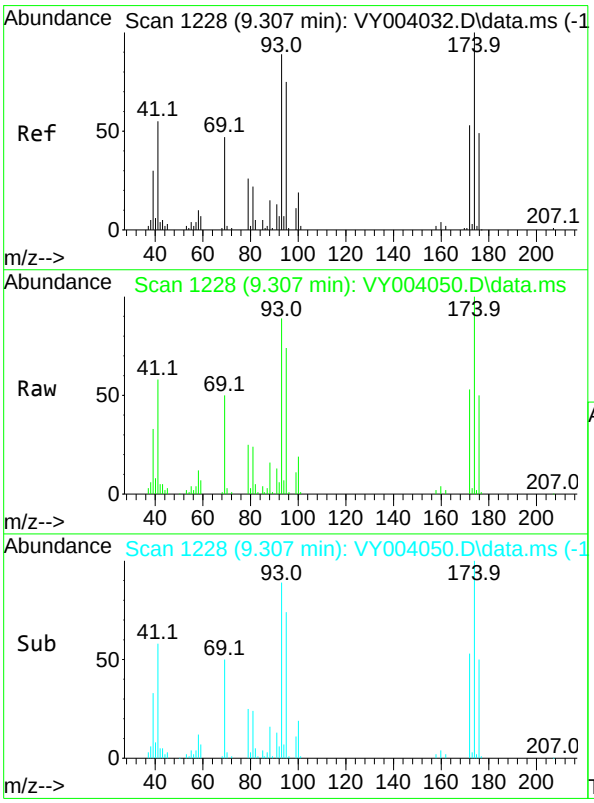
#45
1,2-Dichloropropane
Concen: 52.06 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 63 Resp: 37230

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.4	36.6



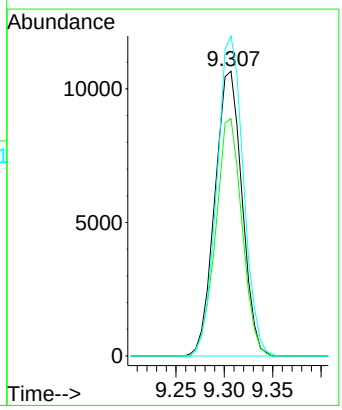
Instrument :
MSVOA_Y
ClientSampleId :



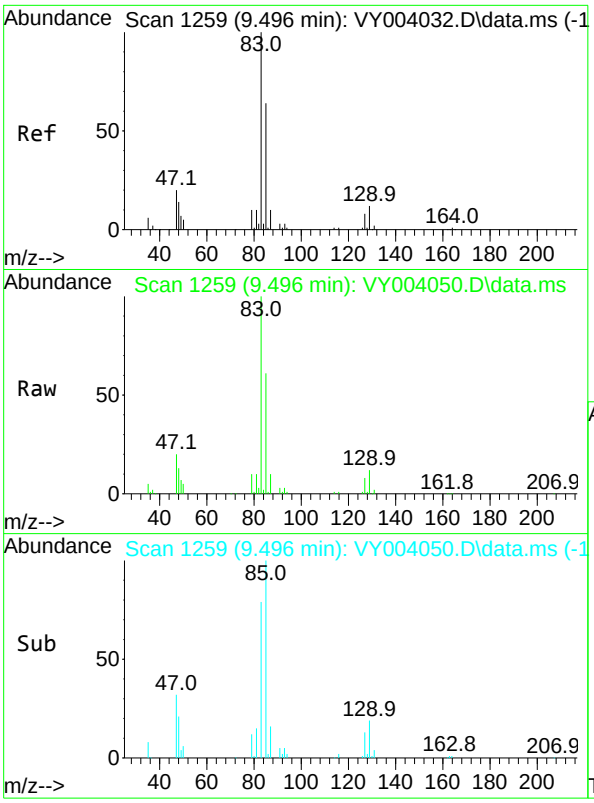
#46
Dibromomethane
Concen: 51.95 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 93 Resp: 20774

Ion	Ratio	Lower	Upper
93	100		
95	80.8	66.3	99.5
174	110.3	88.1	132.1



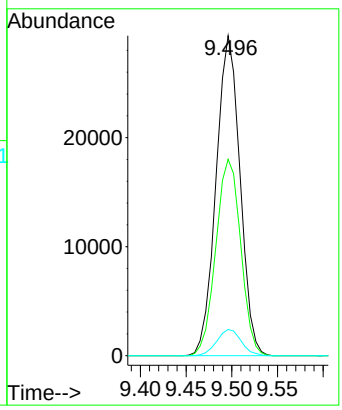
Instrument :
MSVOA_Y
ClientSampleId :

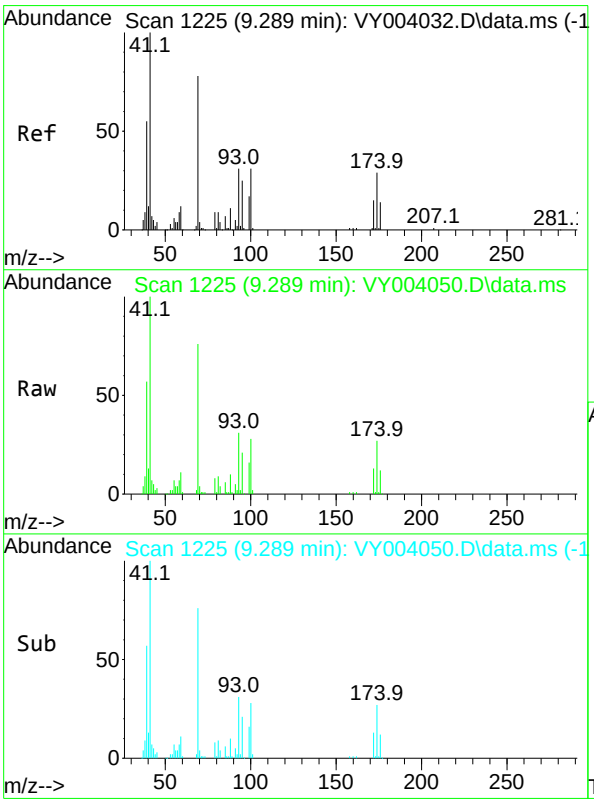


#47
Bromodichloromethane
Concen: 52.33 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 83 Resp: 53516

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.6	77.4
127	8.2	6.5	9.7

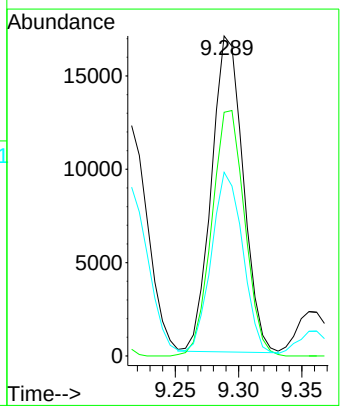


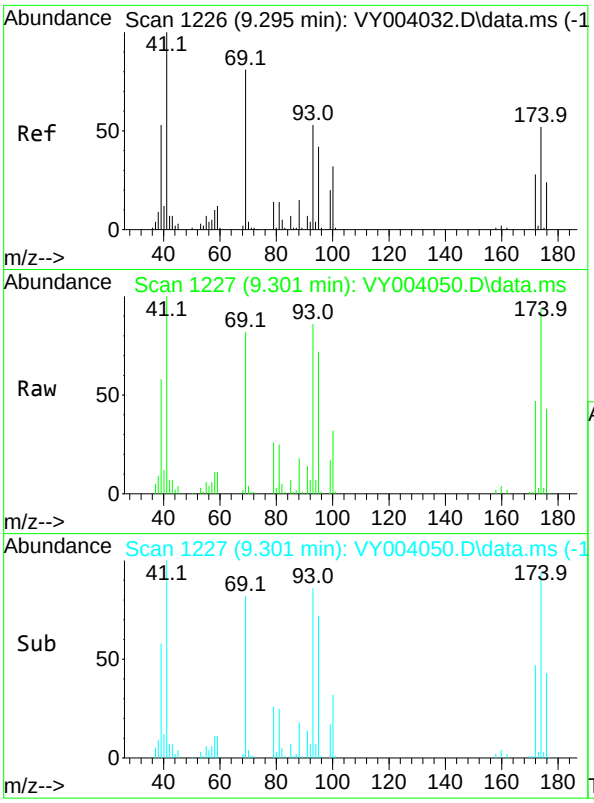


#48
Methyl methacrylate
Concen: 51.52 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 41 Resp: 29484

Ion	Ratio	Lower	Upper
41	100		
69	80.6	65.1	97.7
39	58.7	44.2	66.2

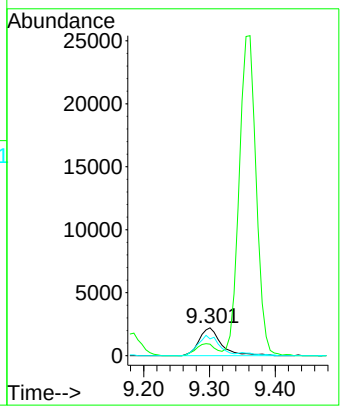




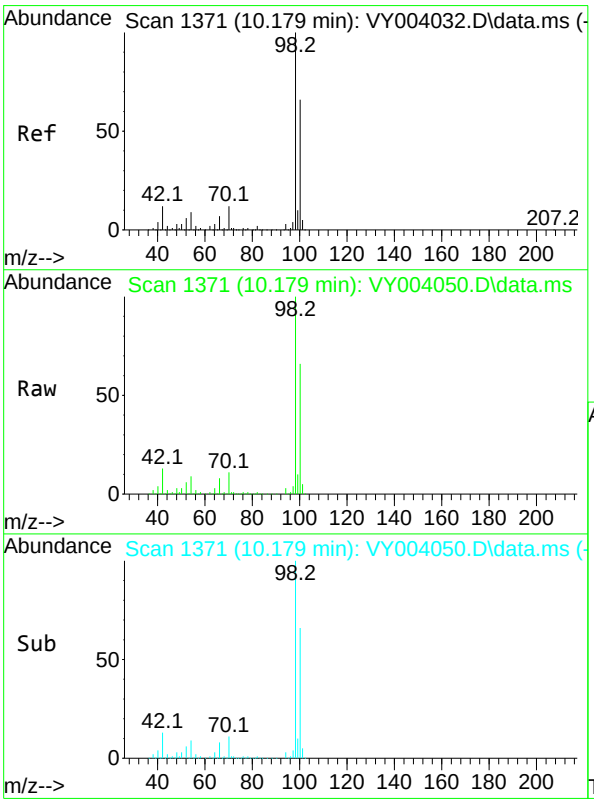
#49
1,4-Dioxane
Concen: 1076.54 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 88 Resp: 5190

Ion	Ratio	Lower	Upper
88	100		
43	38.7	32.0	48.0
58	68.4	56.5	84.7



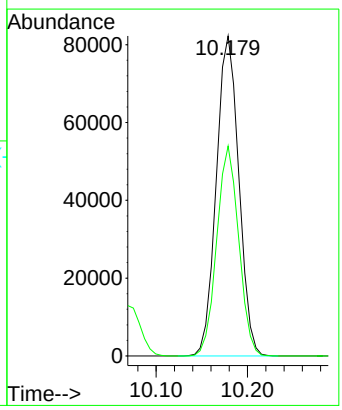
Instrument :
MSVOA_Y
ClientSampleId :



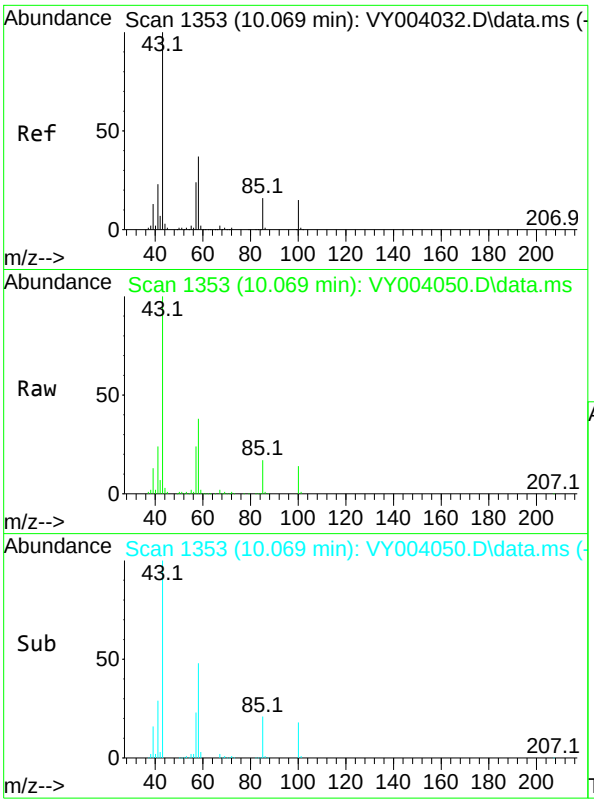
#50
Toluene-d8
Concen: 55.50 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 98 Resp: 140724

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.6



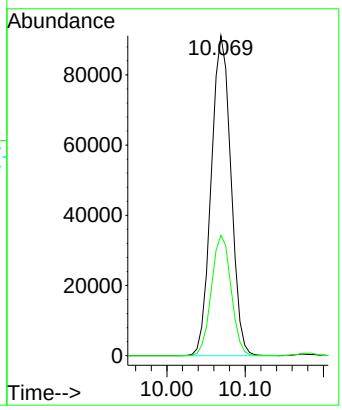
Instrument :
MSVOA_Y
ClientSampleId :

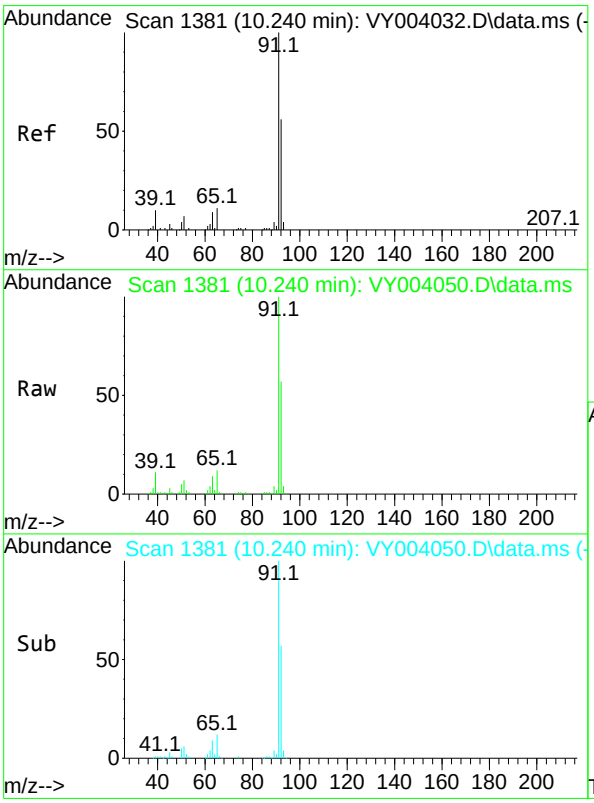


#51
4-Methyl-2-Pentanone
Concen: 264.02 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 159571

Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.8	44.8

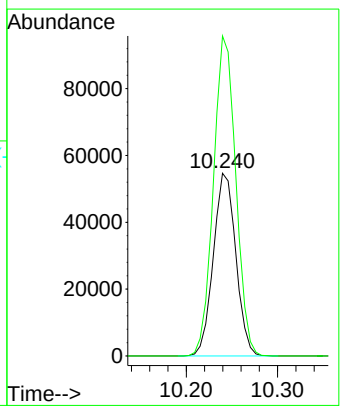


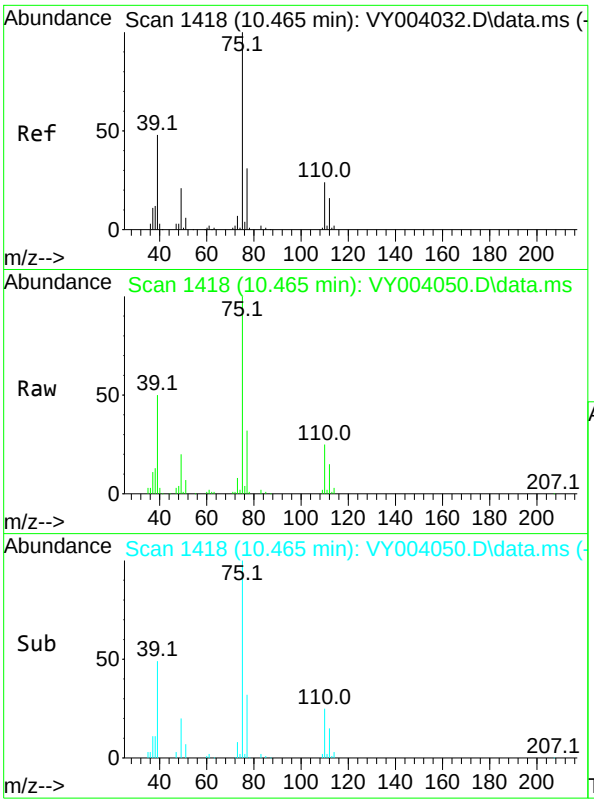


#52
Toluene
Concen: 51.20 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 92 Resp: 93394

Ion	Ratio	Lower	Upper
92	100		
91	174.2	141.0	211.4

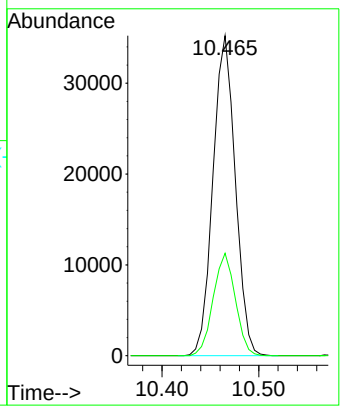


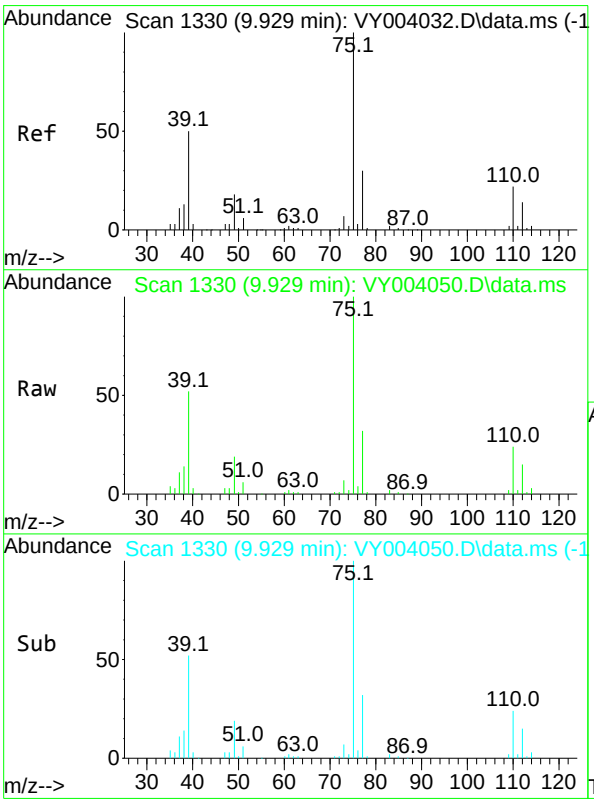


#53
t-1,3-Dichloropropene
Concen: 51.38 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 75 Resp: 56517

Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.5	36.7

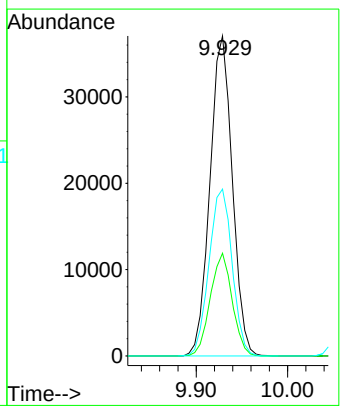




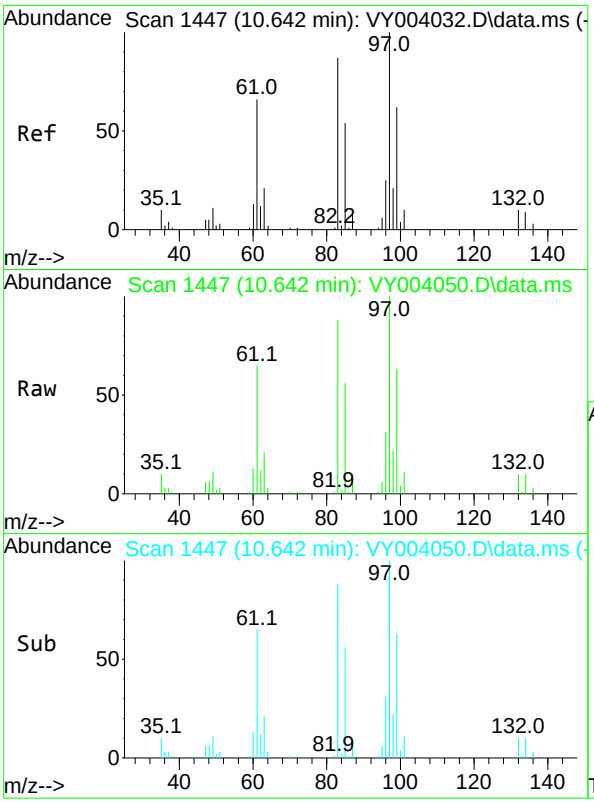
#54
cis-1,3-Dichloropropene
Concen: 51.13 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 75 Resp: 62951

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.2	36.4
39	52.1	40.4	60.6



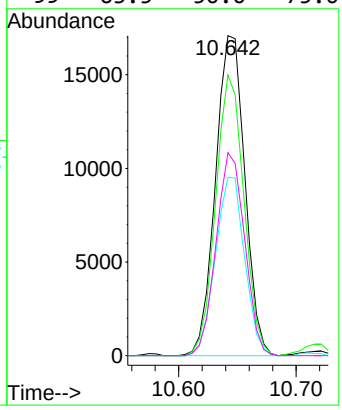
Instrument :
MSVOA_Y
ClientSampleId :



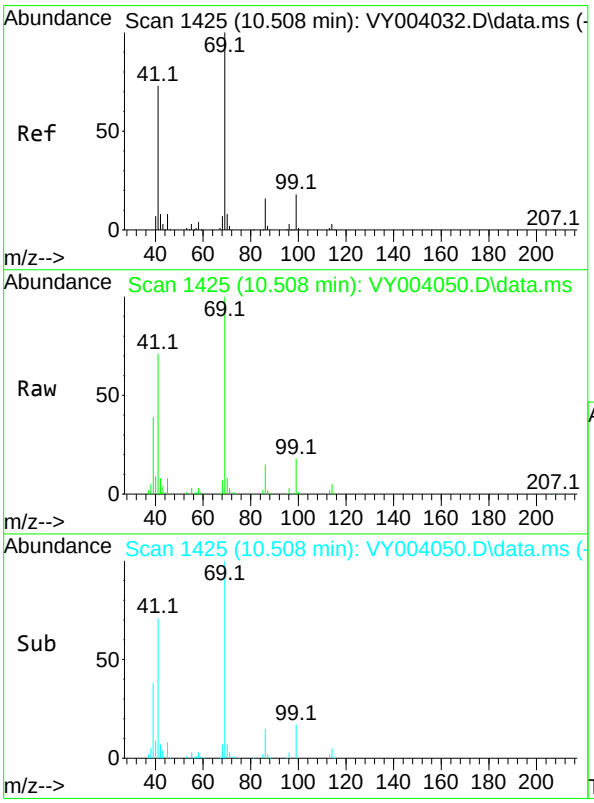
#55
1,1,2-Trichloroethane
Concen: 52.32 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 97 Resp: 29652

Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.4	104.0
85	55.8	43.4	65.0
99	63.5	50.0	75.0



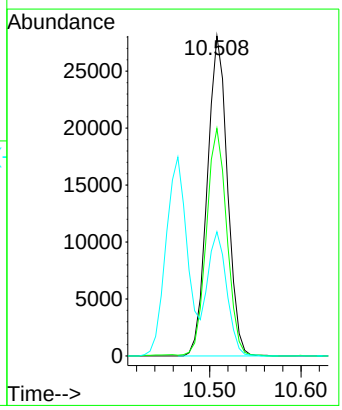
Instrument :
MSVOA_Y
ClientSampleId :

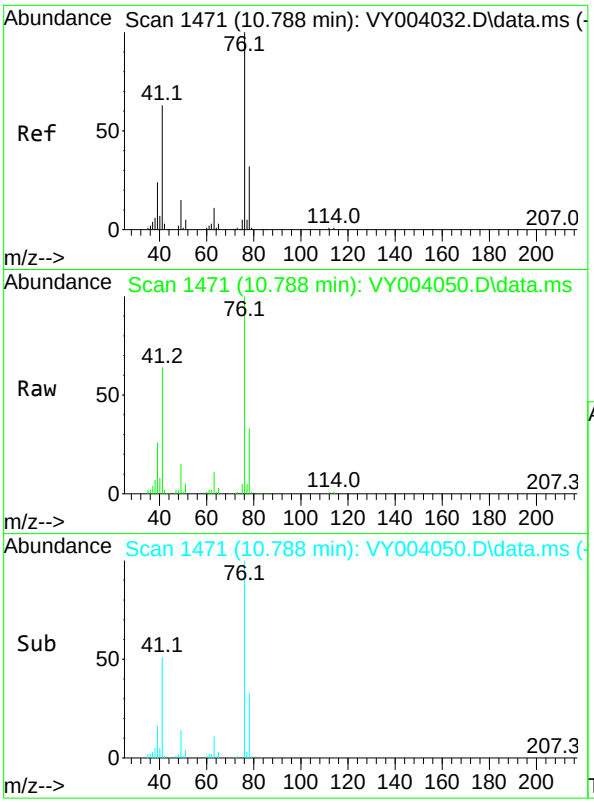


#56
Ethyl methacrylate
Concen: 53.23 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 69 Resp: 43074

Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.2	85.8
39	36.5	27.8	41.6

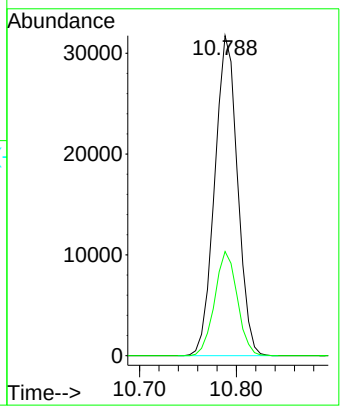




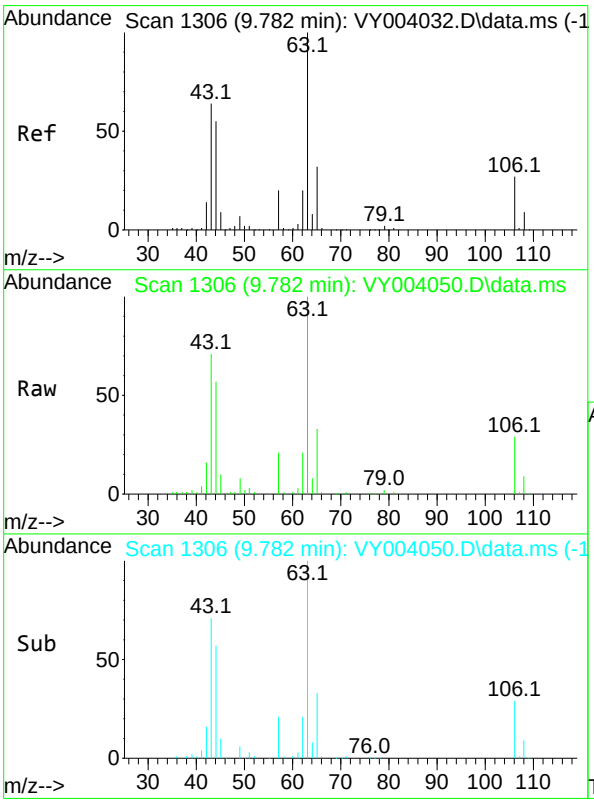
#57
1,3-Dichloropropane
Concen: 51.86 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 76 Resp: 52034

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3



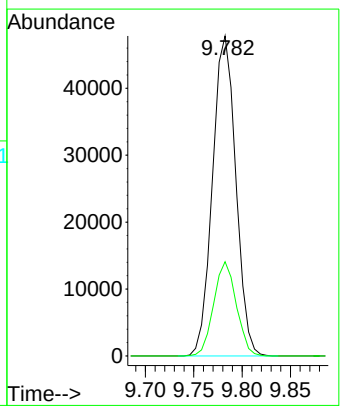
Instrument :
MSVOA_Y
ClientSampleId :



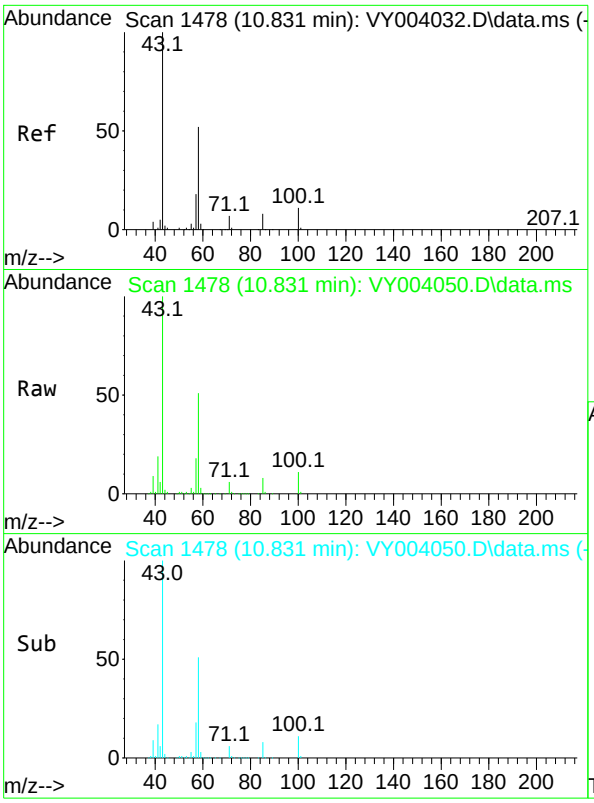
#58
2-Chloroethyl Vinyl ether
Concen: 218.56 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 63 Resp: 80217

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.1	33.1



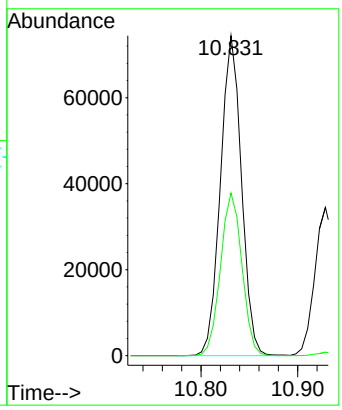
Instrument :
MSVOA_Y
ClientSampleId :

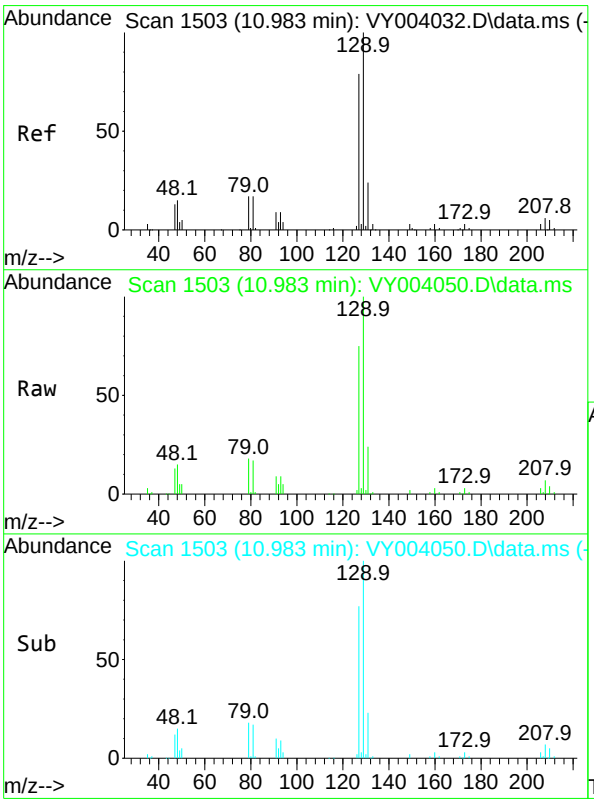


#59
2-Hexanone
Concen: 263.48 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 112238

Ion	Ratio	Lower	Upper
43	100		
58	51.7	26.5	79.4

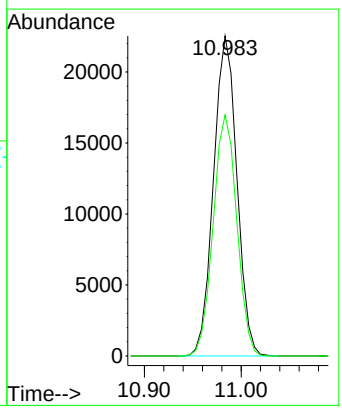




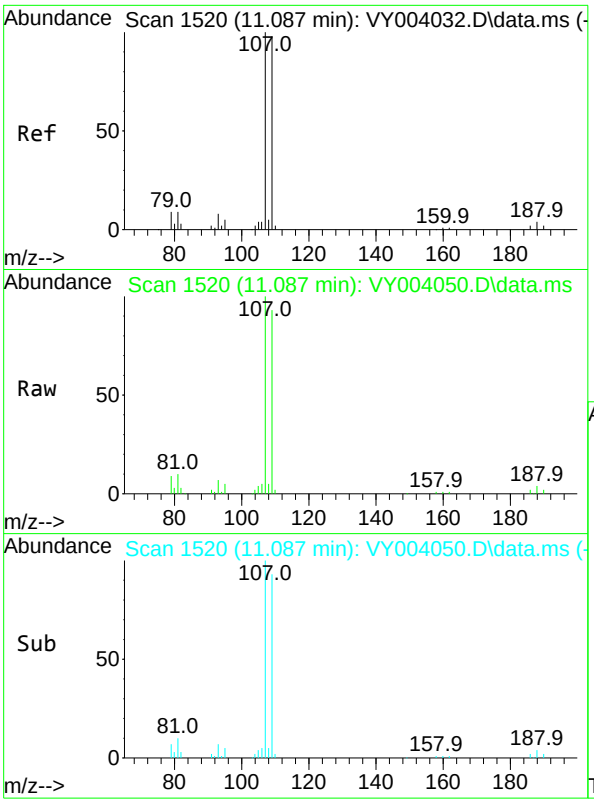
#60
Dibromochloromethane
Concen: 52.84 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:129 Resp: 37790

Ion	Ratio	Lower	Upper
129	100		
127	76.1	39.0	117.0



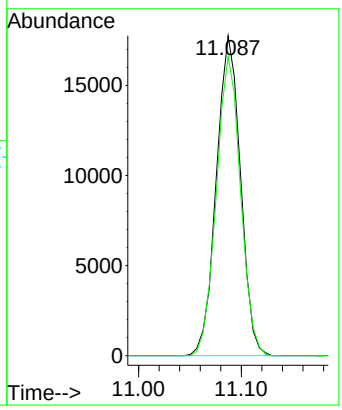
Instrument :
MSVOA_Y
ClientSampleId :

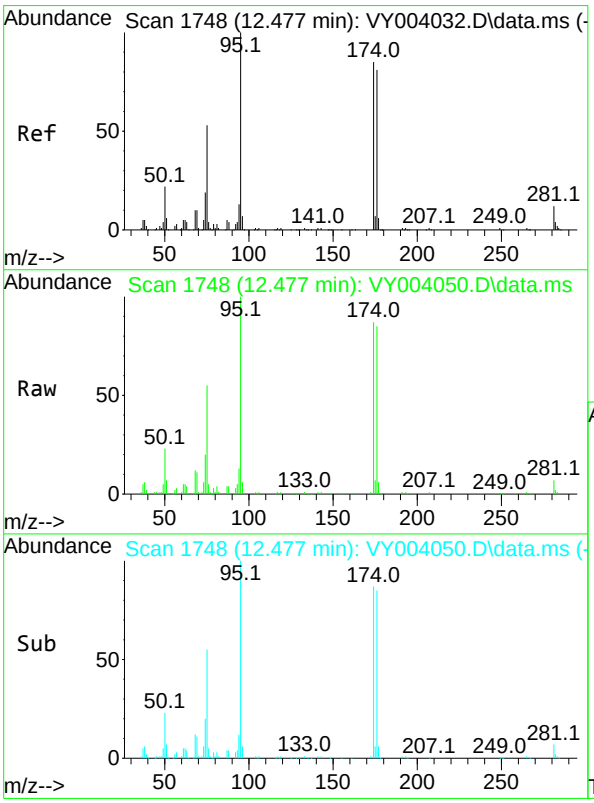


#61
1,2-Dibromoethane
Concen: 52.00 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:107 Resp: 28893

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.7	115.1

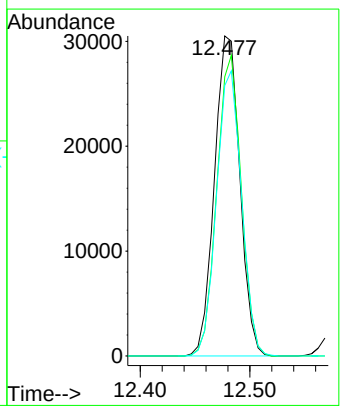




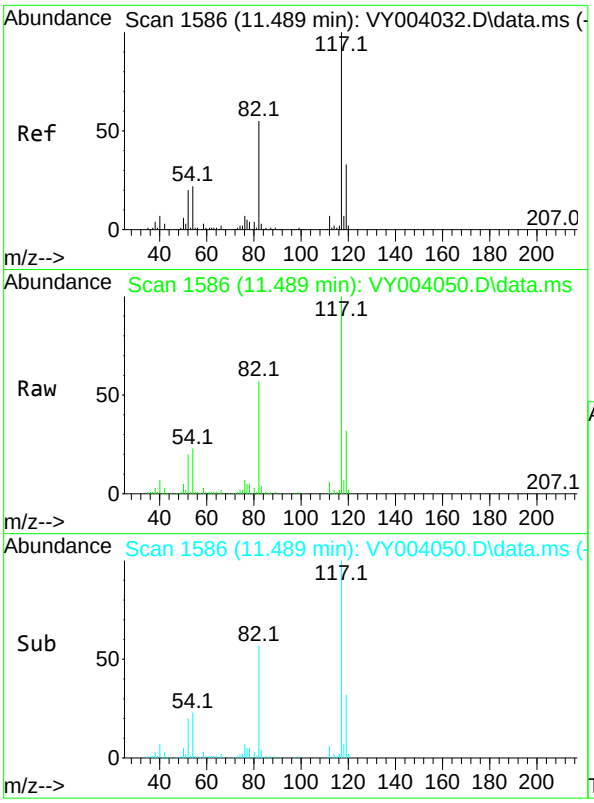
#62
4-Bromofluorobenzene
Concen: 54.77 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 95 Resp: 49059

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	179.0
176	88.0	0.0	174.4



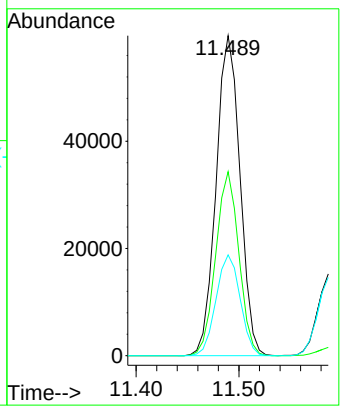
Instrument :
MSVOA_Y
ClientSampleId :

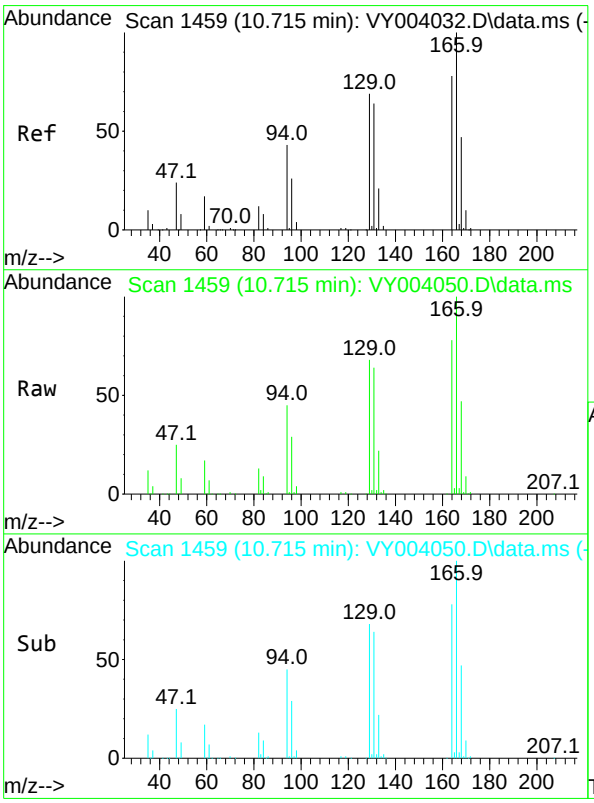


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:117 Resp: 96271

Ion	Ratio	Lower	Upper
117	100		
82	57.5	43.8	65.6
119	31.5	26.2	39.2

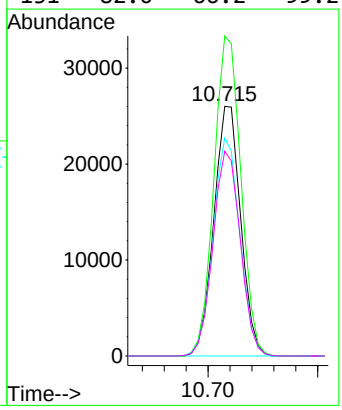


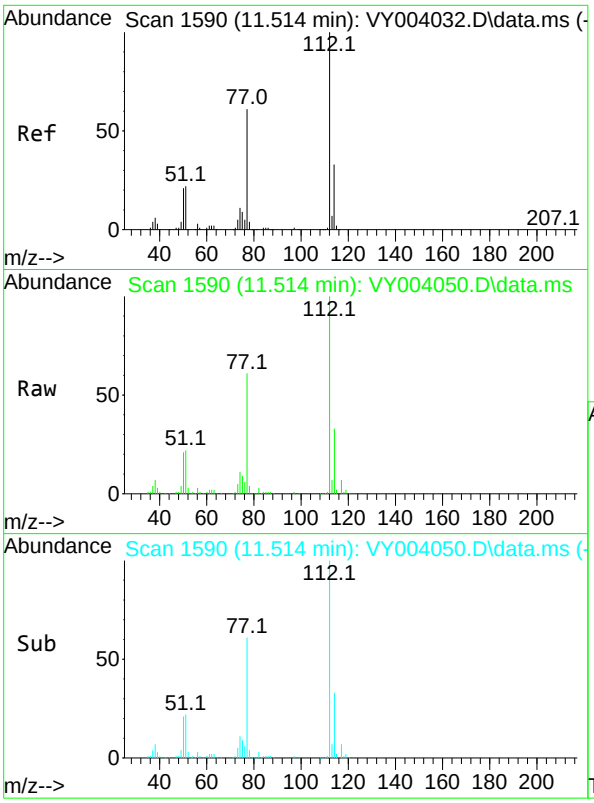


#64
Tetrachloroethene
Concen: 49.82 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:164 Resp: 44216

Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.7	154.1
129	87.4	70.6	105.8
131	82.0	66.2	99.2

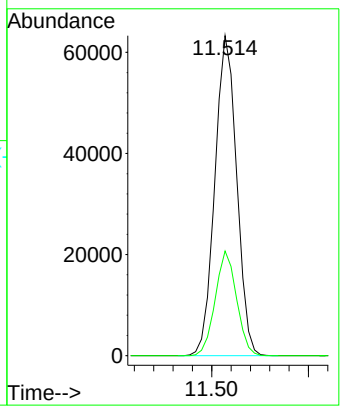




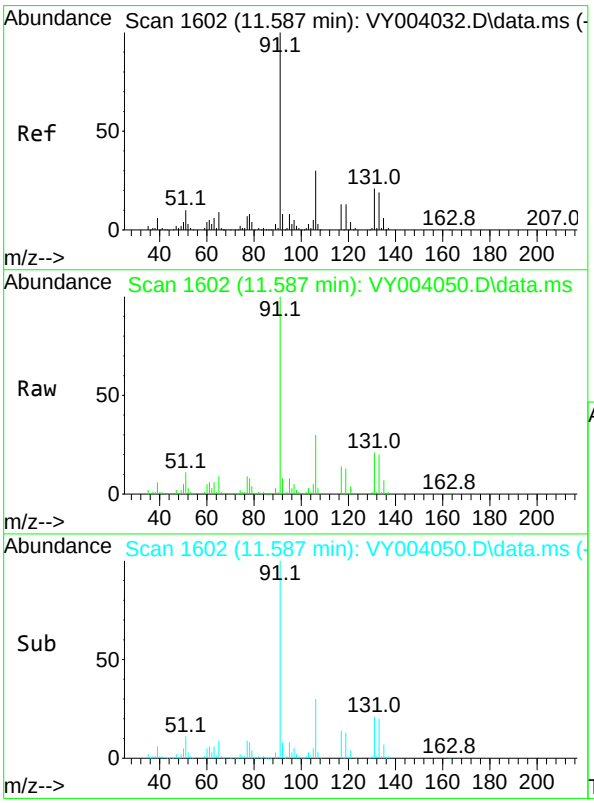
#65
Chlorobenzene
Concen: 51.10 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:112 Resp: 99090

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.5	39.7



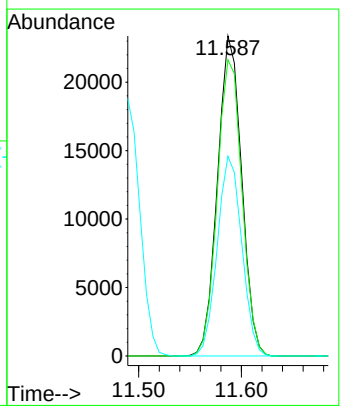
Instrument :
MSVOA_Y
ClientSampleId :



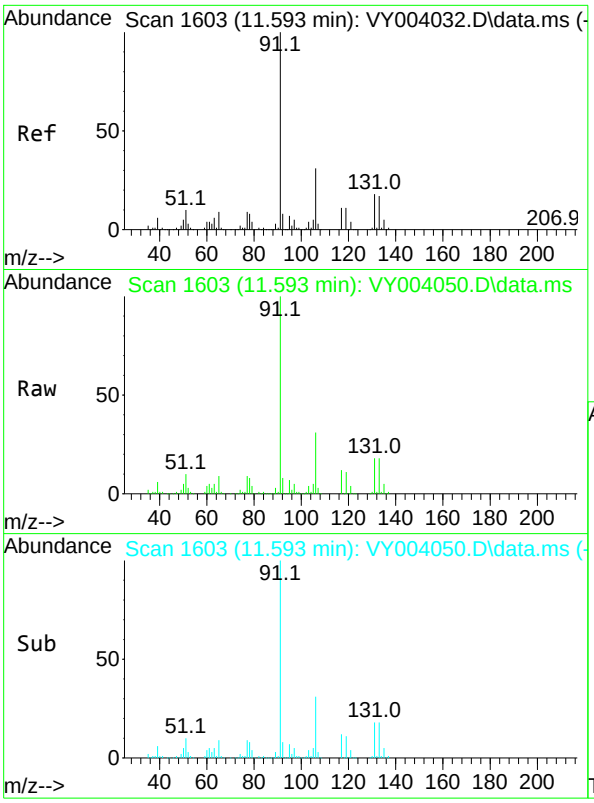
#66
1,1,1,2-Tetrachloroethane
Concen: 51.40 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:131 Resp: 38084

Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.1	144.3
119	63.4	31.5	94.5



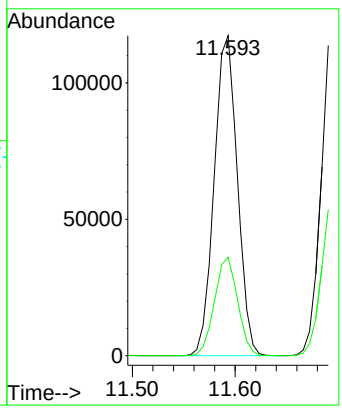
Instrument :
MSVOA_Y
ClientSampleId :

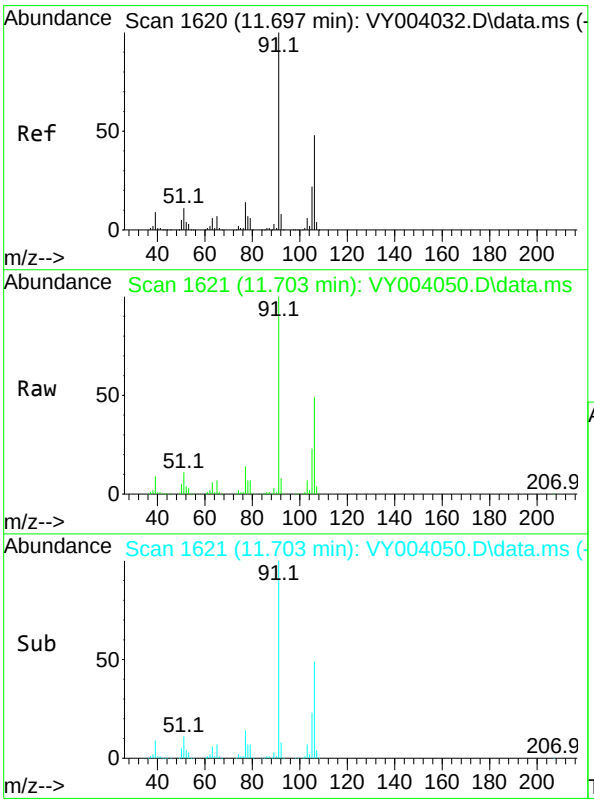


#67
Ethyl Benzene
Concen: 50.39 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 91 Resp: 183335

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.5	36.7

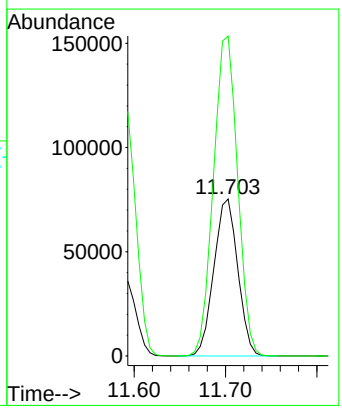


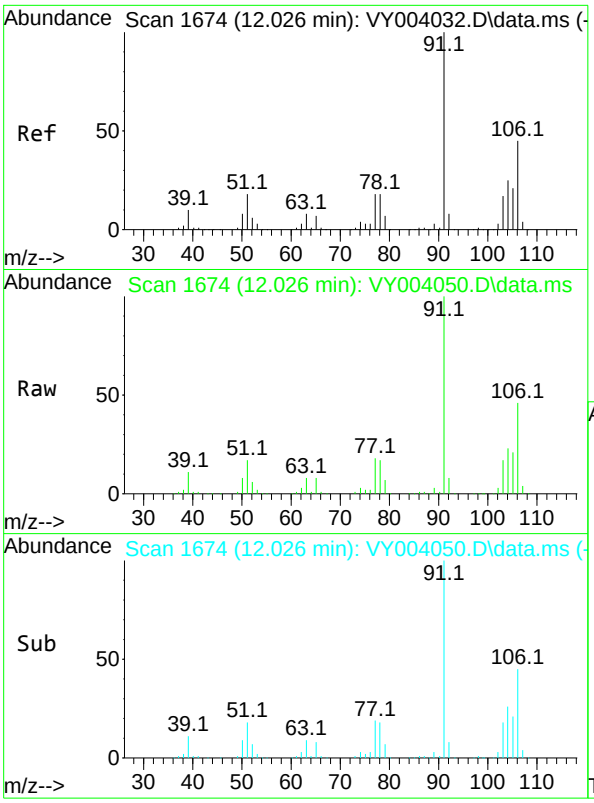


#68
m/p-Xylenes
Concen: 101.98 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:106 Resp: 136844

Ion	Ratio	Lower	Upper
106	100		
91	206.2	165.4	248.0

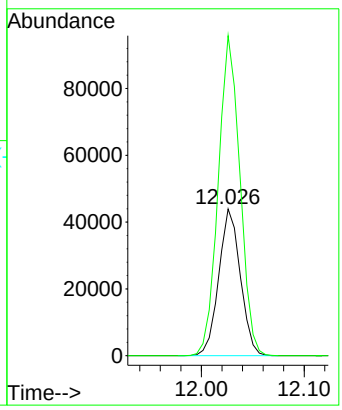




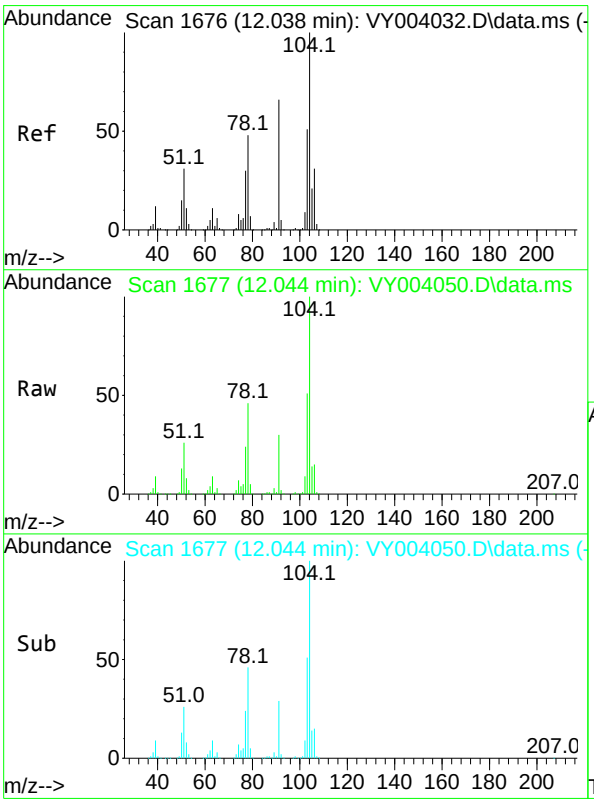
#69
o-Xylene
Concen: 50.76 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:106 Resp: 63999

Ion	Ratio	Lower	Upper
106	100		
91	219.2	108.9	326.7



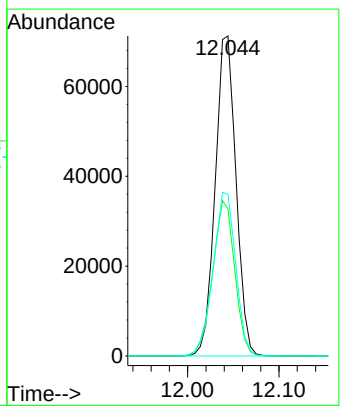
Instrument :
MSVOA_Y
ClientSampleId :



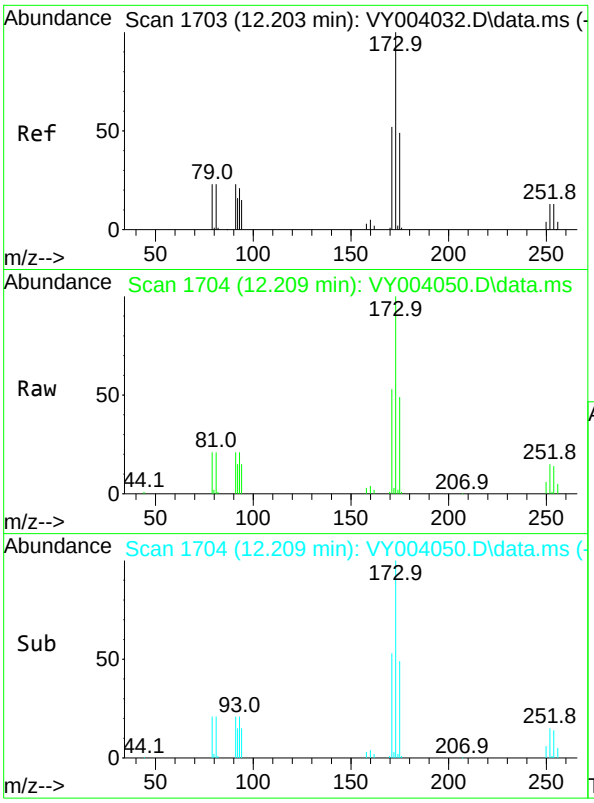
#70
Styrene
Concen: 52.10 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:104 Resp: 112838

Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.1	61.7
103	55.2	43.9	65.9



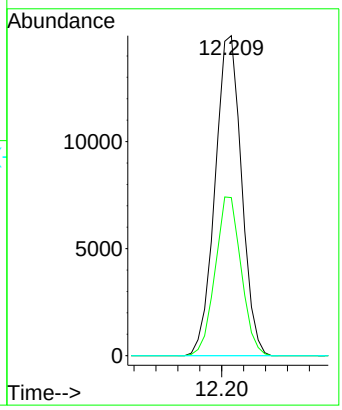
Instrument :
MSVOA_Y
ClientSampleId :

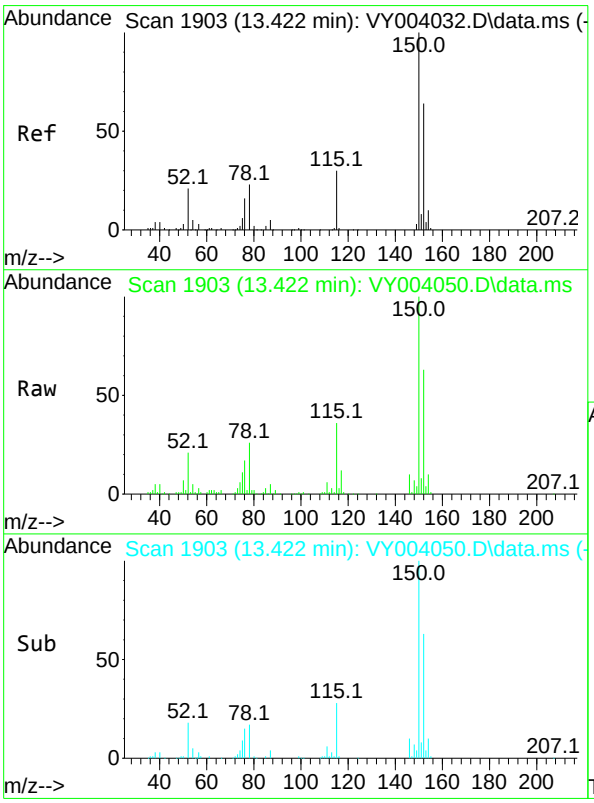


#71
Bromoform
Concen: 52.83 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:173 Resp: 25035

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.0	0.1	0.1#

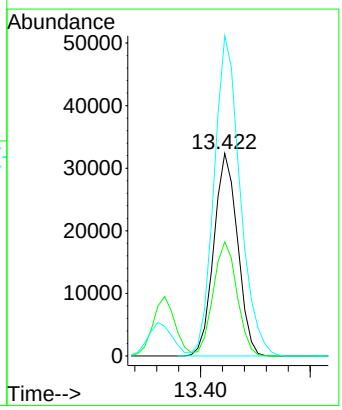




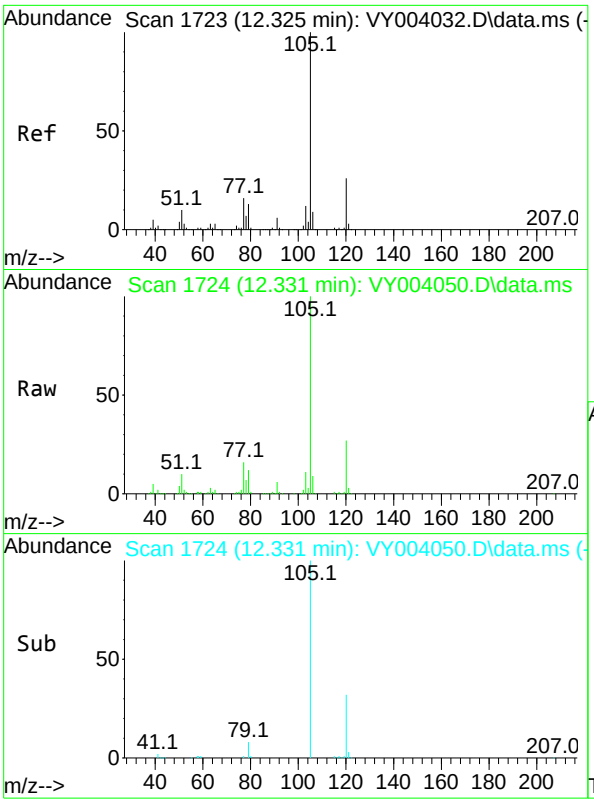
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:152 Resp: 48669

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.6
150	173.0	0.0	347.2



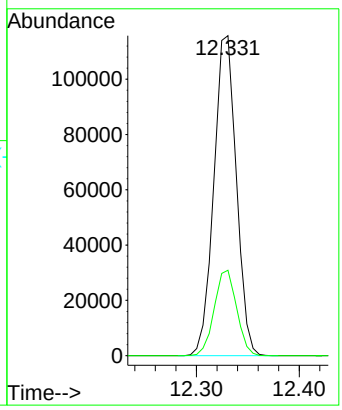
Instrument :
MSVOA_Y
ClientSampleId :

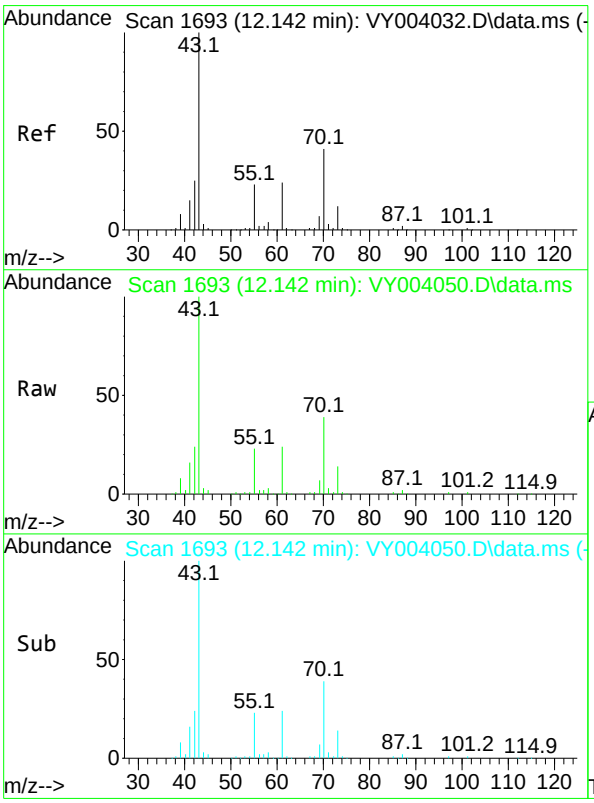


#73
Isopropylbenzene
Concen: 50.95 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:105 Resp: 176043

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.9

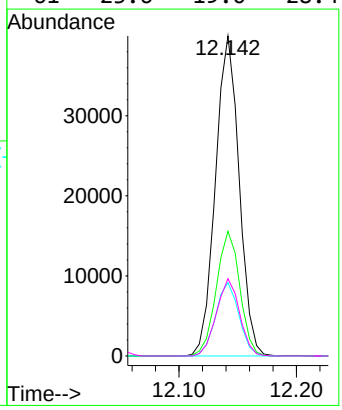




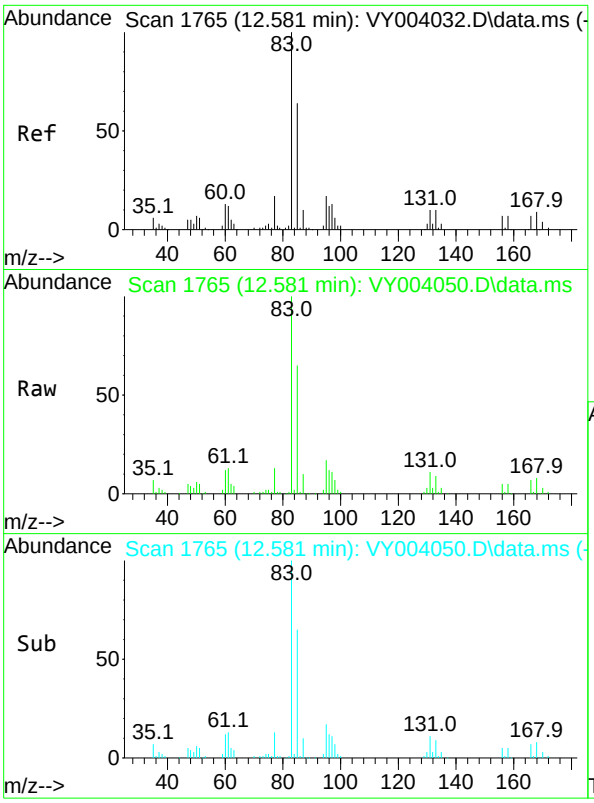
#74
N-amyl acetate
Concen: 53.69 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 43 Resp: 56045

Ion	Ratio	Lower	Upper
43	100		
70	38.6	32.3	48.5
55	22.6	18.4	27.6
61	23.6	19.0	28.4



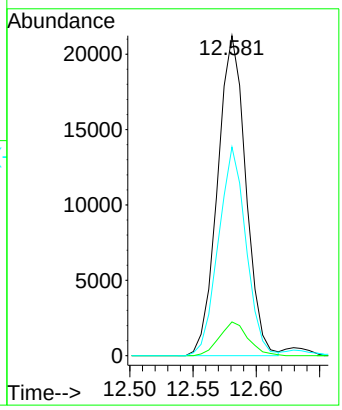
Instrument :
MSVOA_Y
ClientSampleId :

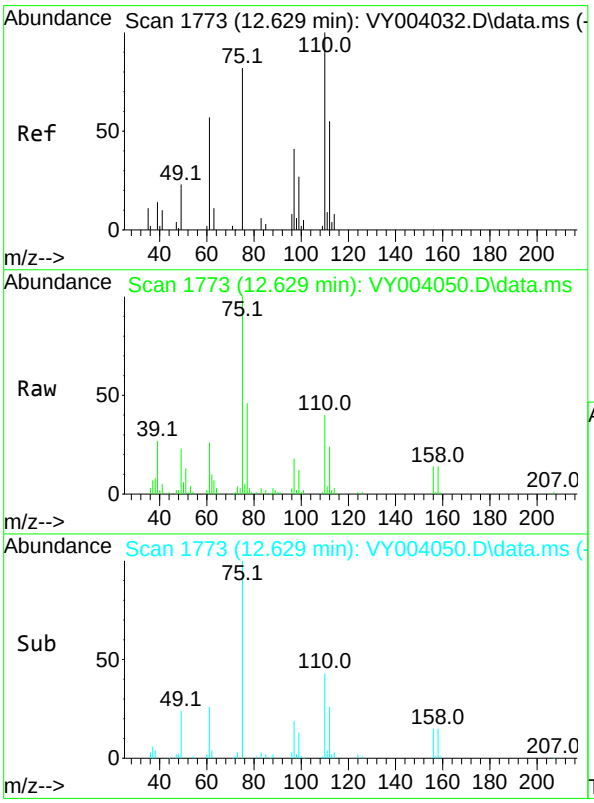


#75
1,1,2,2-Tetrachloroethane
Concen: 52.42 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 83 Resp: 32978

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.5	16.4
85	63.7	31.6	95.0

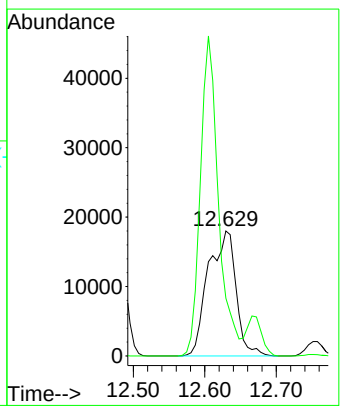




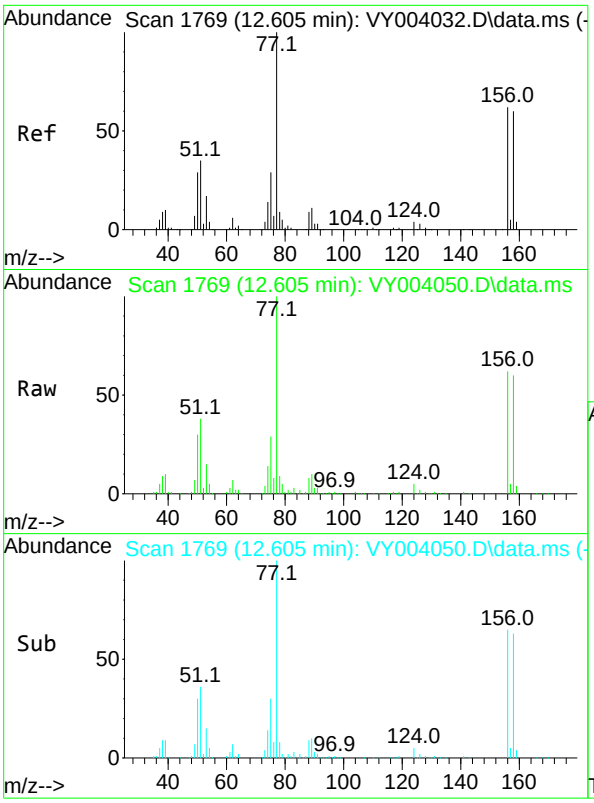
#76
1,2,3-Trichloropropane
Concen: 99.76 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 75 Resp: 48729

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



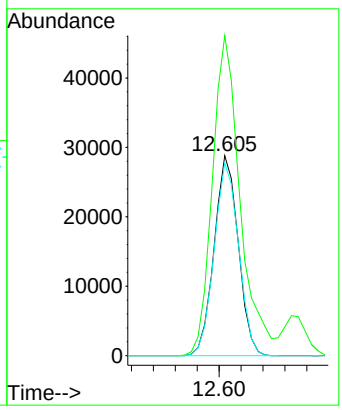
Instrument :
MSVOA_Y
ClientSampleId :

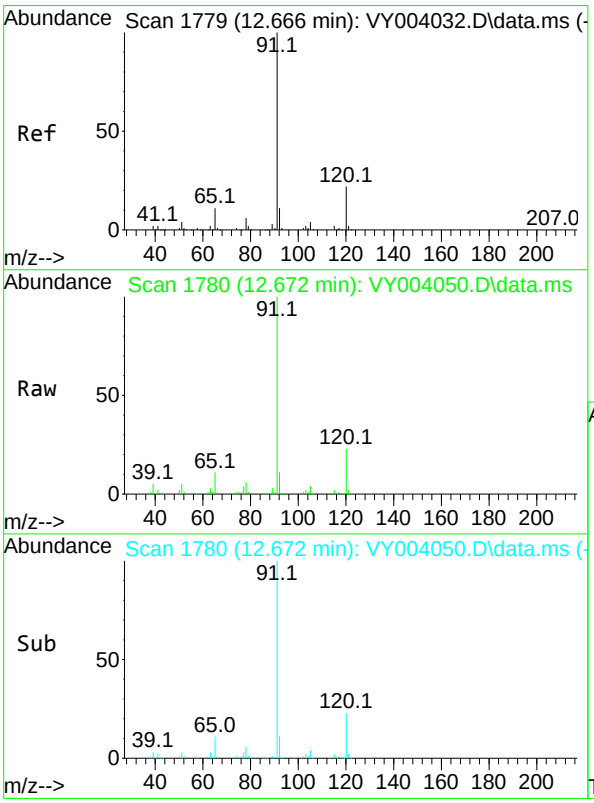


#77
Bromobenzene
Concen: 51.68 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:156 Resp: 43952

Ion	Ratio	Lower	Upper
156	100		
77	183.5	90.5	271.3
158	98.0	48.9	146.6

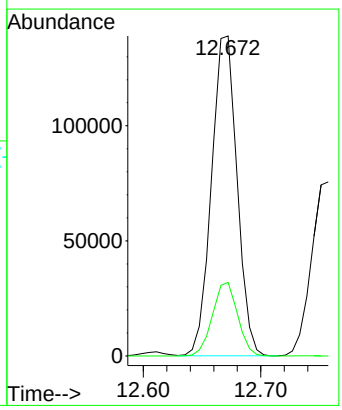




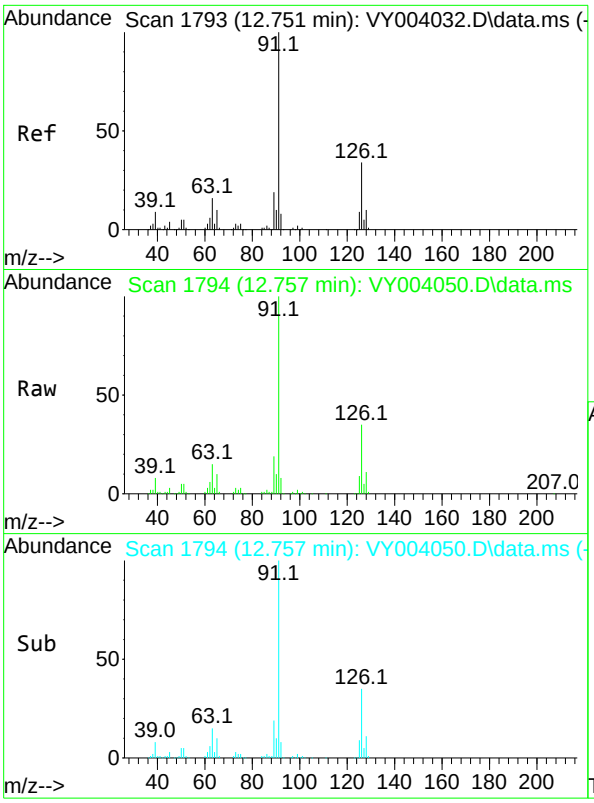
#78
n-propylbenzene
Concen: 50.84 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 91 Resp: 210319

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.9



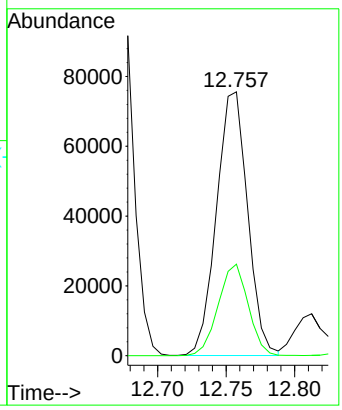
Instrument :
MSVOA_Y
ClientSampleId :

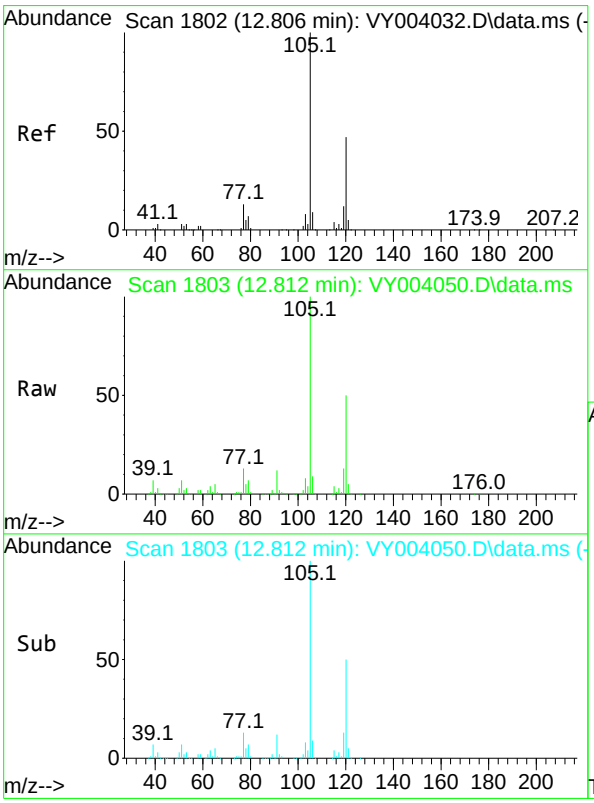


#79
2-Chlorotoluene
Concen: 50.98 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 91 Resp: 119651

Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.0	51.0

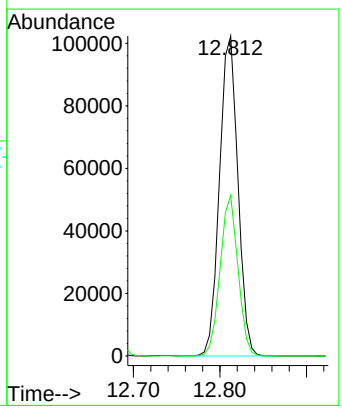




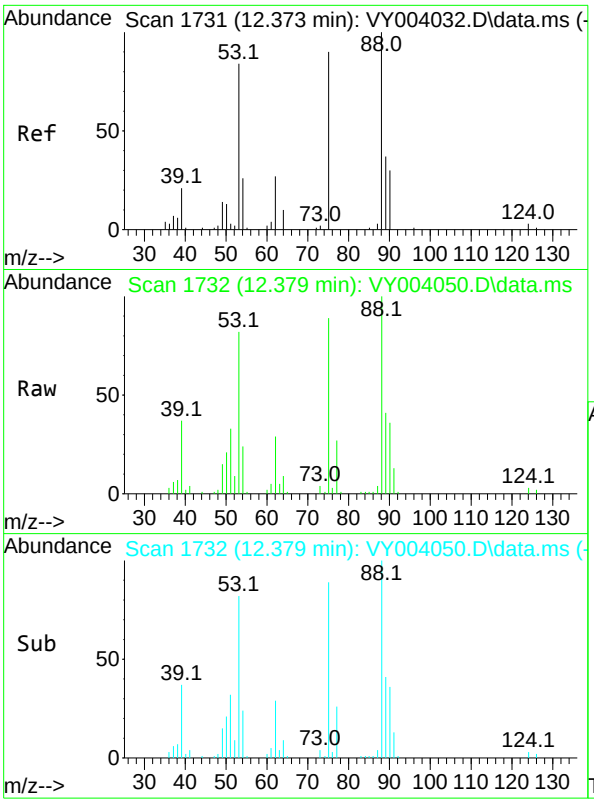
#80
1,3,5-Trimethylbenzene
Concen: 51.20 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:105 Resp: 150897

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.1	72.2



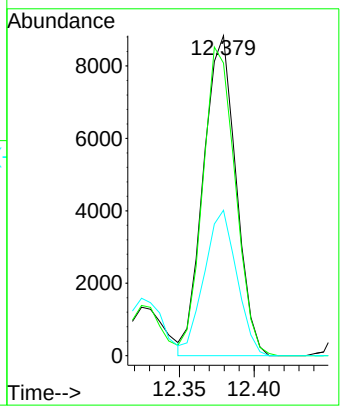
Instrument :
MSVOA_Y
ClientSampleId :

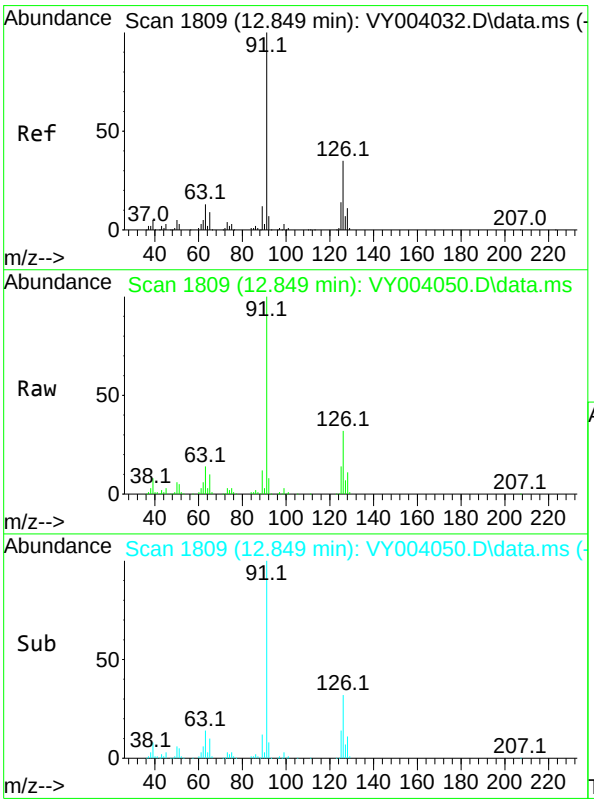


#81
trans-1,4-Dichloro-2-butene
Concen: 50.81 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 75 Resp: 13368

Ion	Ratio	Lower	Upper
75	100		
53	96.4	73.5	110.3
89	45.6	35.7	53.5

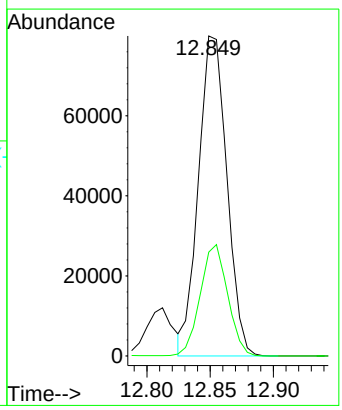


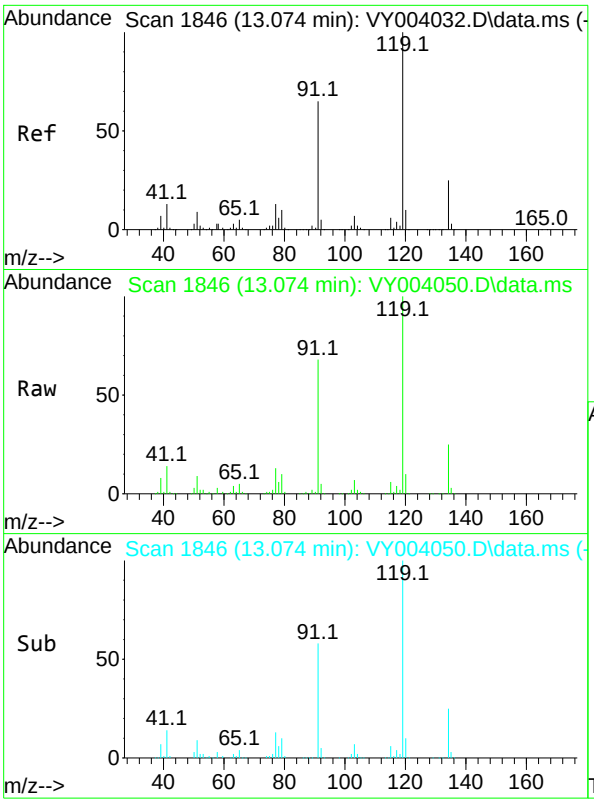


#82
4-Chlorotoluene
Concen: 50.78 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 91 Resp: 125054

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.4

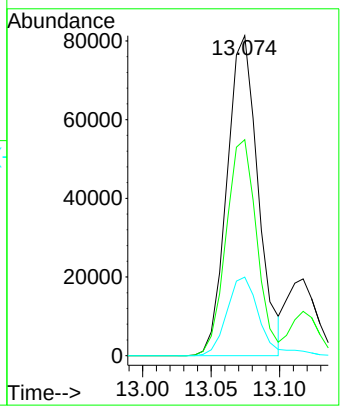




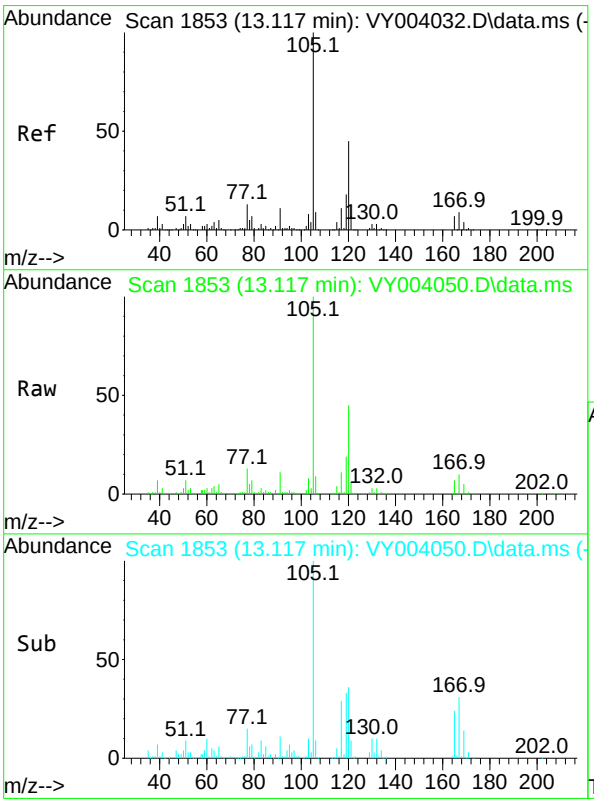
#83
tert-Butylbenzene
Concen: 50.86 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:119 Resp: 128386

Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.0	99.0
134	26.0	12.9	38.7



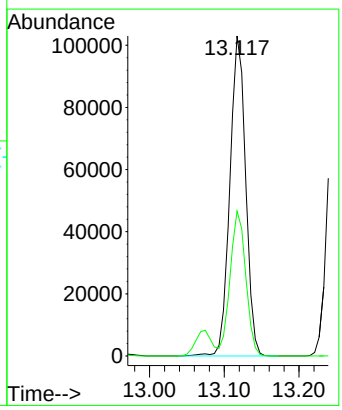
Instrument :
MSVOA_Y
ClientSampleId :



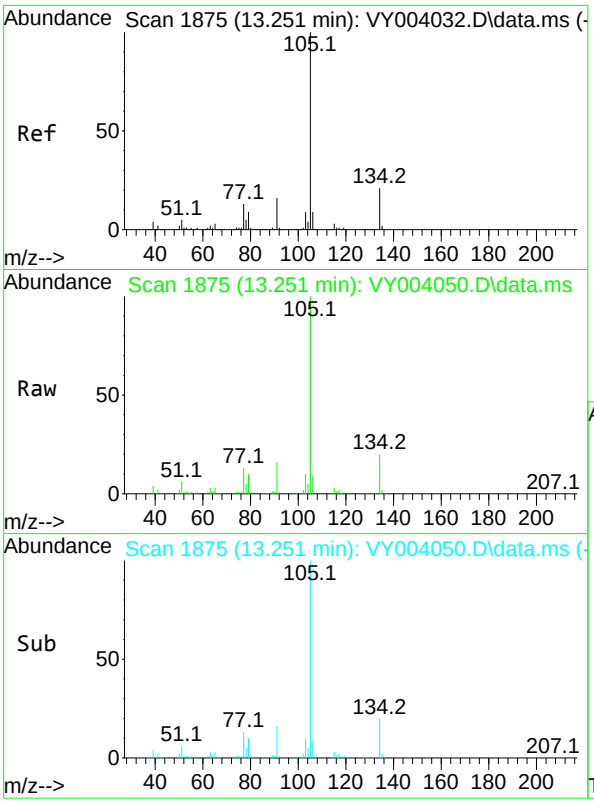
#84
1,2,4-Trimethylbenzene
Concen: 51.31 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:105 Resp: 151508

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.3



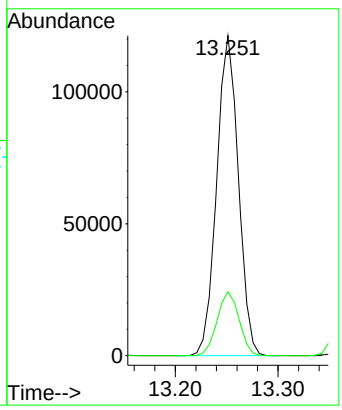
Instrument :
MSVOA_Y
ClientSampleId :

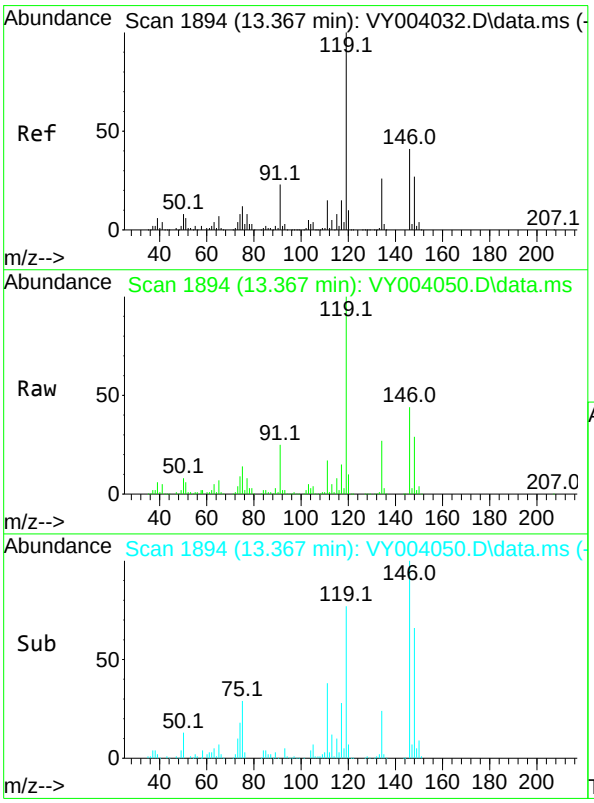


#85
sec-Butylbenzene
Concen: 51.34 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:105 Resp: 177515

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.2	30.4

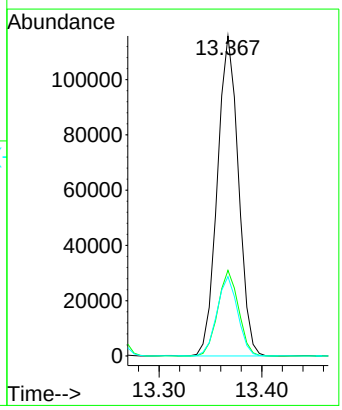




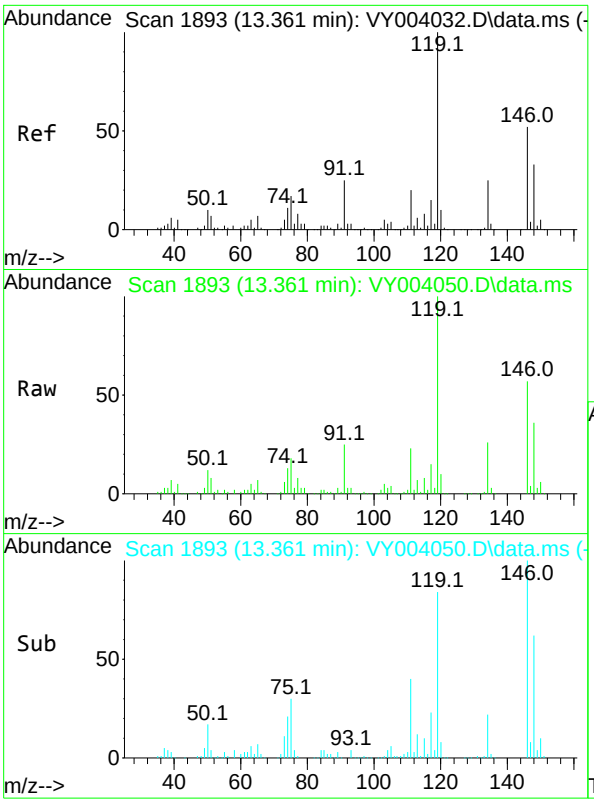
#86
p-Isopropyltoluene
Concen: 51.21 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:119 Resp: 164884

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	24.4	12.1	36.3



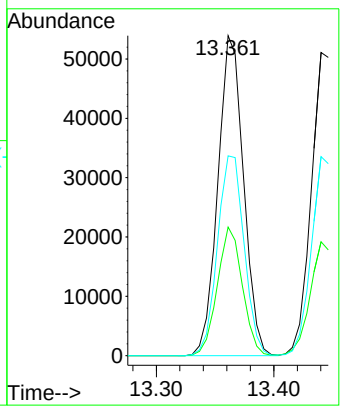
Instrument :
MSVOA_Y
ClientSampleId :

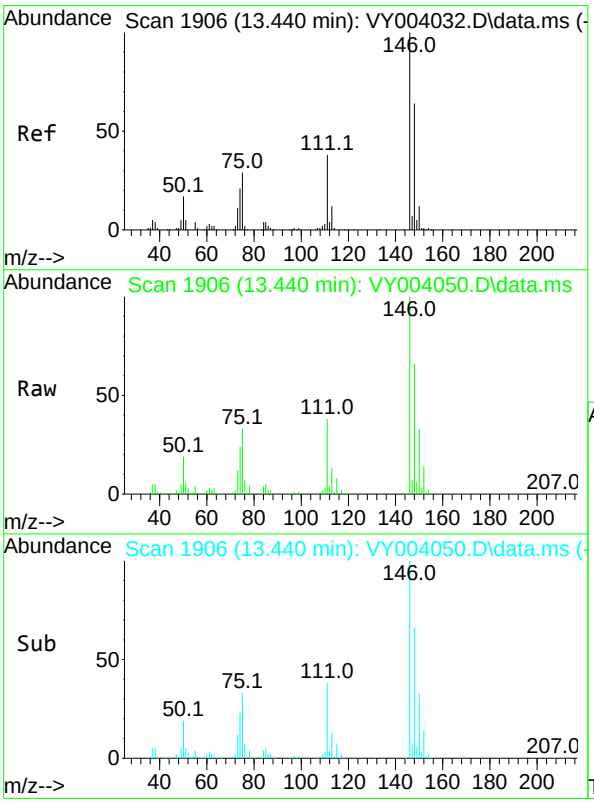


#87
1,3-Dichlorobenzene
Concen: 50.55 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:146 Resp: 81886

Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.9	56.7
148	64.9	31.9	95.9

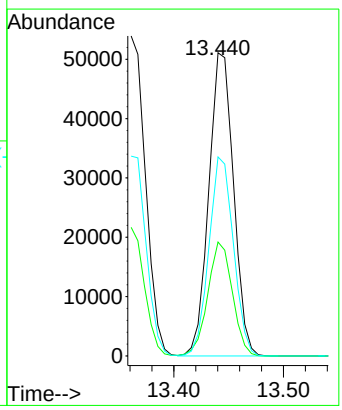




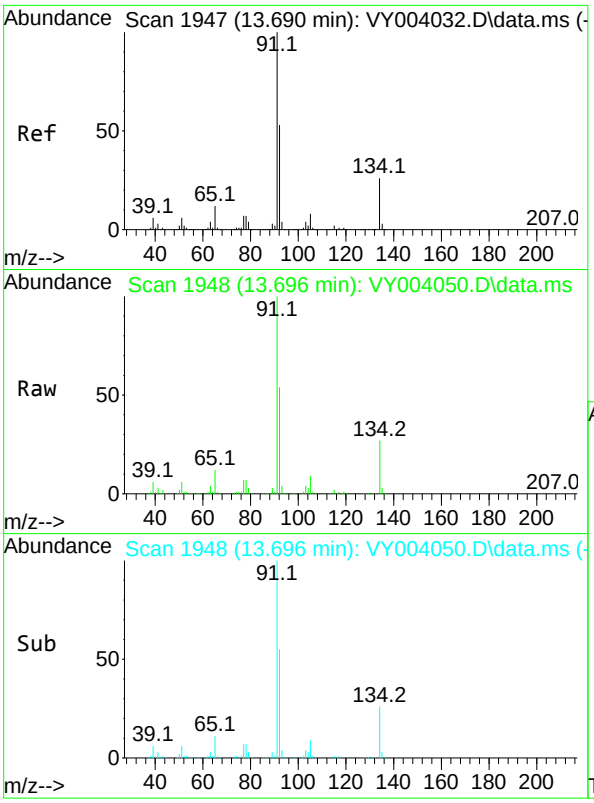
#88
1,4-Dichlorobenzene
Concen: 49.83 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:146 Resp: 80177

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	65.1	31.8	95.4



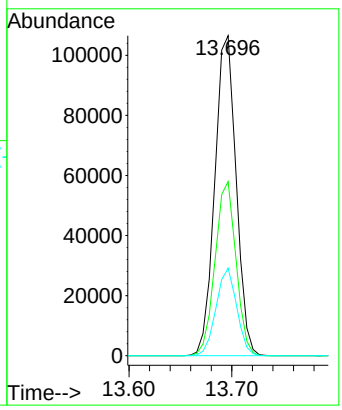
Instrument :
MSVOA_Y
ClientSampleId :

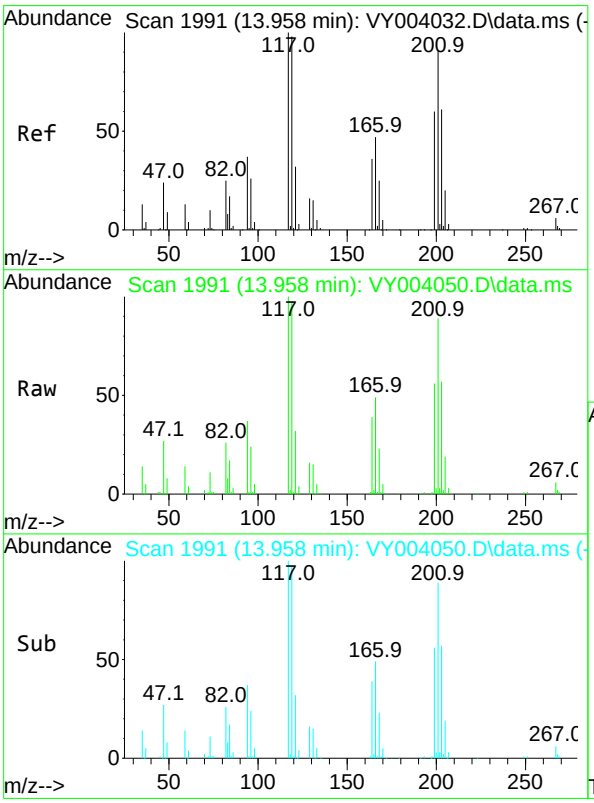


#89
n-Butylbenzene
Concen: 51.32 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 91 Resp: 153446

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.4
134	26.4	13.2	39.5

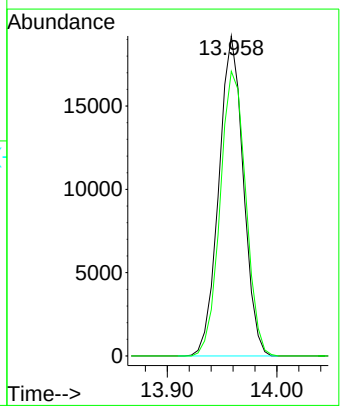




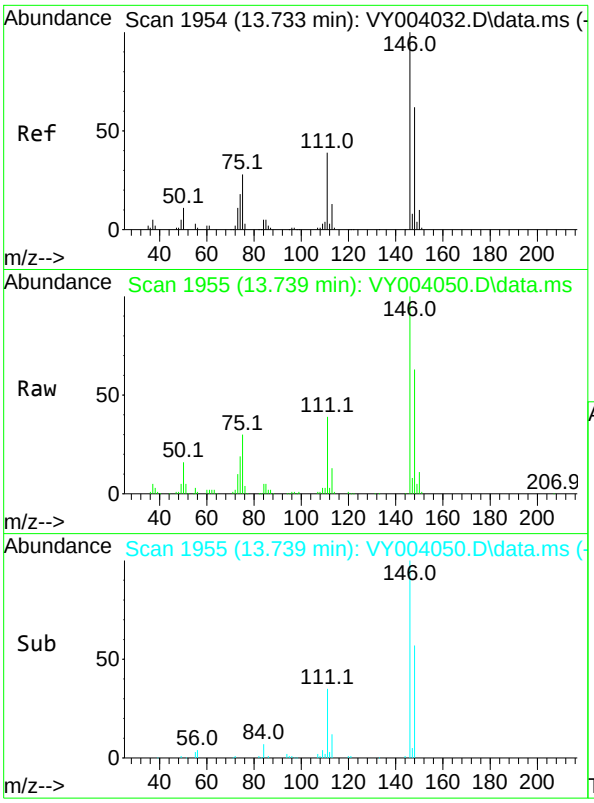
#90
Hexachloroethane
Concen: 51.95 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:117 Resp: 29824

Ion	Ratio	Lower	Upper
117	100		
201	92.8	46.0	138.0



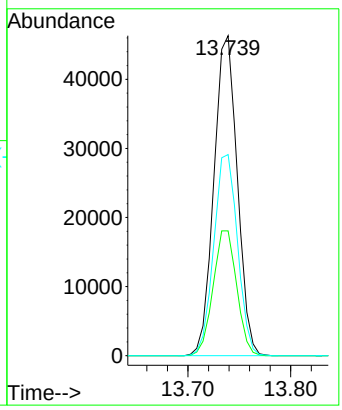
Instrument :
MSVOA_Y
ClientSampleId :

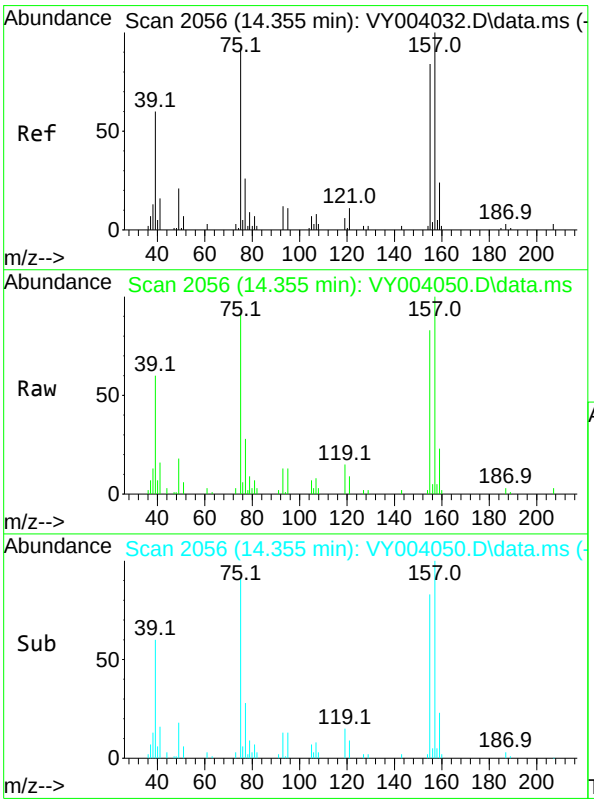


#91
1,2-Dichlorobenzene
Concen: 51.02 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:146 Resp: 73121

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.0	31.9	95.7

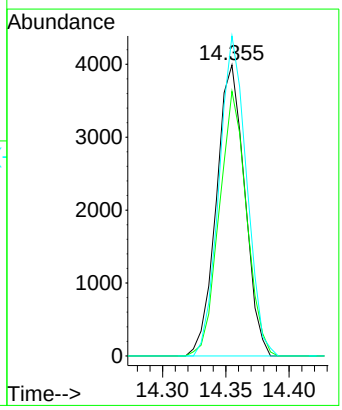




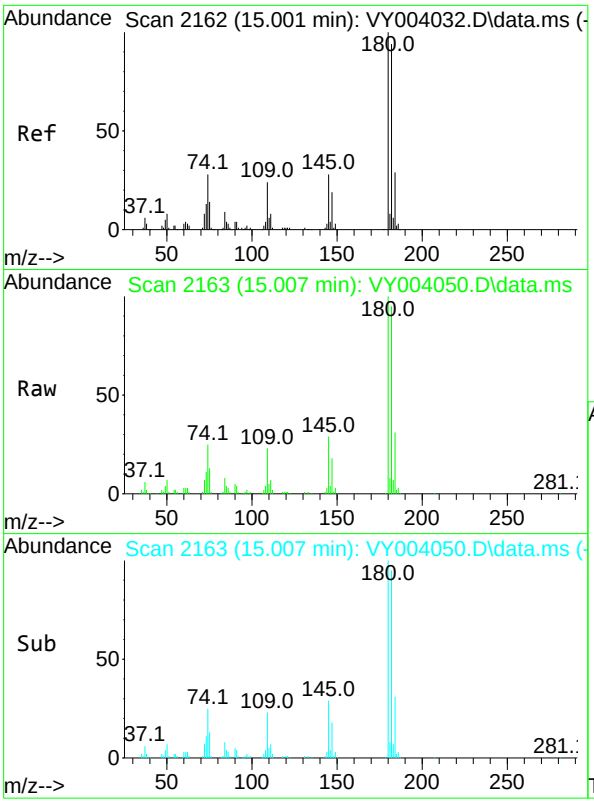
#92
1,2-Dibromo-3-Chloropropane
Concen: 51.57 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion: 75 Resp: 6213

Ion	Ratio	Lower	Upper
75	100		
155	87.1	42.8	128.4
157	106.3	52.4	157.3



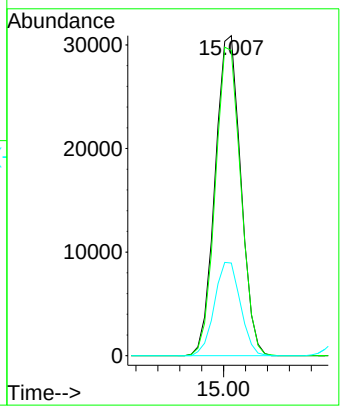
Instrument :
MSVOA_Y
ClientSampleId :

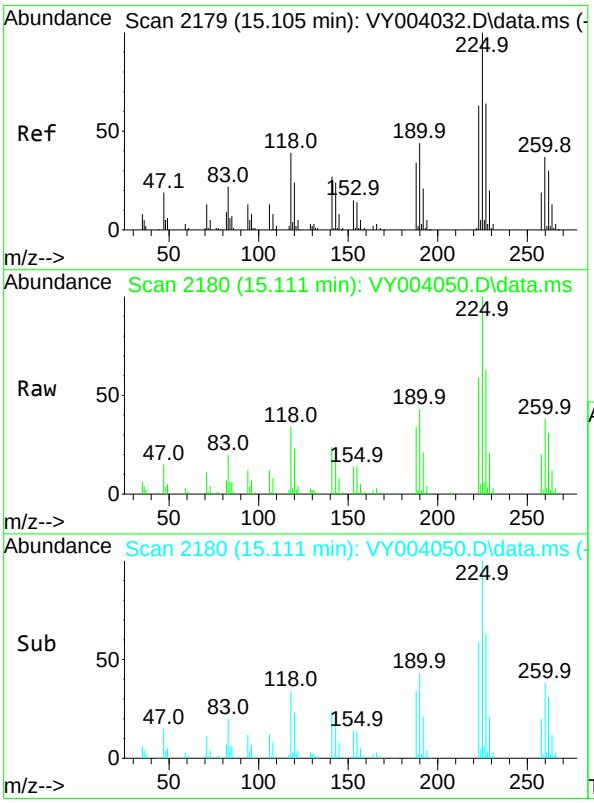


#93
1,2,4-Trichlorobenzene
Concen: 48.80 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:180 Resp: 50229

Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	29.5	14.1	42.2

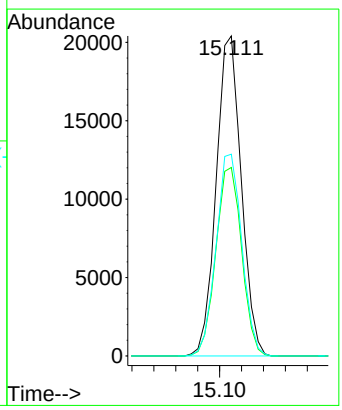




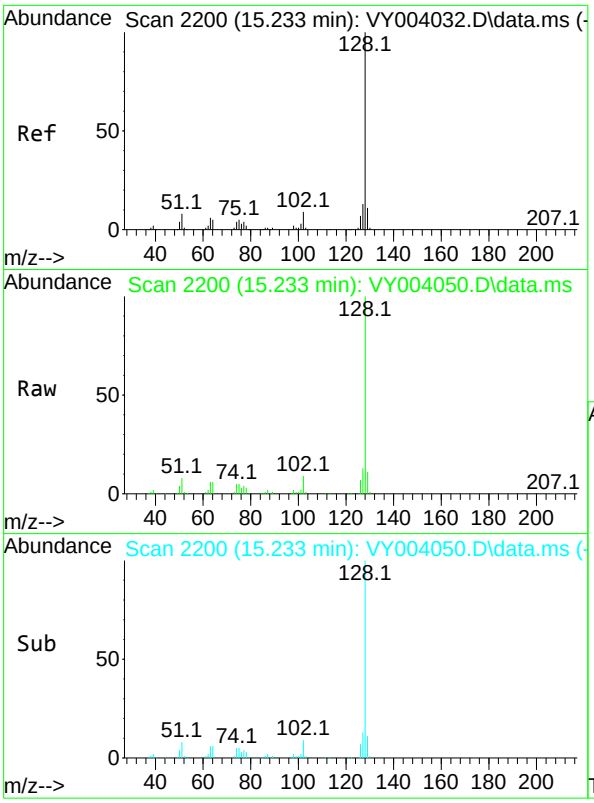
#94
Hexachlorobutadiene
Concen: 49.84 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:225 Resp: 32400

Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.5	94.5
227	64.8	32.1	96.3



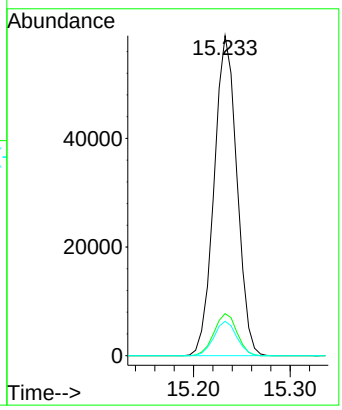
Instrument :
MSVOA_Y
ClientSampleId :

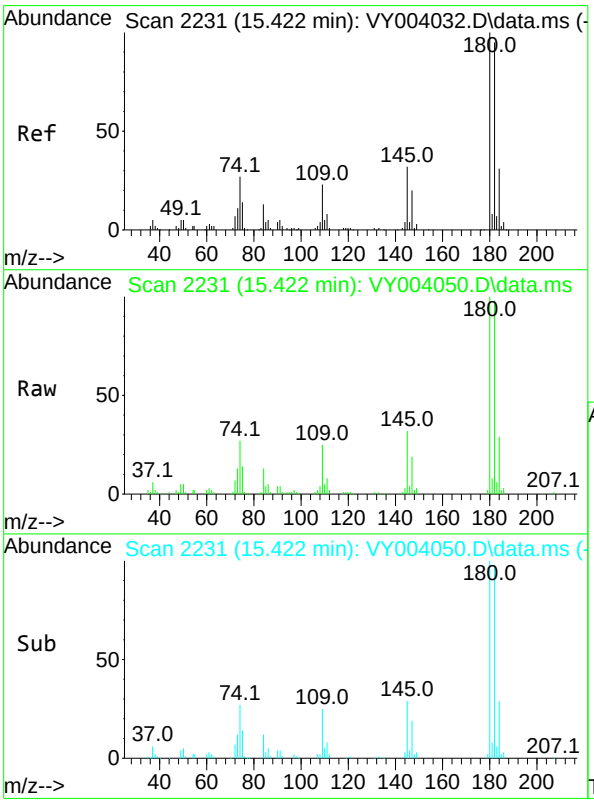


#95
Naphthalene
Concen: 51.32 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

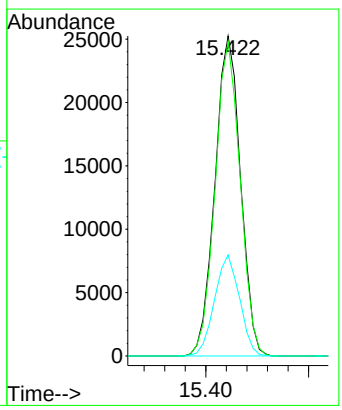
Tgt Ion:128 Resp: 96335

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 49.64 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004050.D
Acq: 24 Feb 2021 13:41

Tgt Ion:180 Resp: 43578

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.8
145	30.8	15.3	45.9