Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
Data File : VY004751.D
Acq On : 12 May 2021 12:21
Operator : SY/MD
Sample : M2262-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 13 01:15:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 01:15:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	187058	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	303329	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	272443	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126814	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.154	65	114722	51.52	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.04%				
35) Dibromofluoromethane	7.728	113	93117	56.08	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.16%				
50) Toluene-d8	10.185	98	378484	50.45	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.90%				
62) 4-Bromofluorobenzene	12.483	95	121390	47.95	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	4332	2.53	ug/l		93
3) Chloromethane	2.119	50	7254	2.61	ug/l		94
4) Vinyl Chloride	2.259	62	8347	2.94	ug/l		100
5) Bromomethane	2.662	94	4268	2.95	ug/l		95
6) Chloroethane	2.802	64	4080	2.43	ug/l		98
7) Trichlorofluoromethane	3.137	101	8793	2.61	ug/l		99
8) Diethyl Ether	3.539	74	3202	2.69	ug/l		97
9) 1,1,2-Trichlorotrifluo...	3.905	101	5220	2.73	ug/l		96
10) Methyl Iodide	4.106	142	5900	2.88	ug/l		99
11) Tert butyl alcohol	4.966	59	4184	18.70	ug/l	#	79
12) 1,1-Dichloroethene	3.887	96	4898	2.65	ug/l		95
13) Acrolein	3.741	56	3211	12.21	ug/l		97
14) Allyl chloride	4.497	41	9092	2.52	ug/l		97
15) Acrylonitrile	5.173	53	3546	5.94	ug/l	#	4
16) Acetone	3.960	43	7669	15.33	ug/l		96
17) Carbon Disulfide	4.210	76	15107	2.68	ug/l		98
18) Methyl Acetate	4.490	43	5004	3.14	ug/l		99
19) Methyl tert-butyl Ether	5.246	73	12120	2.38	ug/l		95
20) Methylene Chloride	4.734	84	22659	7.07	ug/l		95
21) trans-1,2-Dichloroethene	5.234	96	5353	2.55	ug/l		97
22) Diisopropyl ether	6.137	45	16555	2.38	ug/l	#	98
23) Vinyl Acetate	6.076	43	57411	11.00	ug/l		95
24) 1,1-Dichloroethane	6.033	63	9836	2.52	ug/l	#	93
25) 2-Butanone	7.002	43	10416	11.72	ug/l		100
26) 2,2-Dichloropropane	6.996	77	8766	2.57	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	5881	2.52	ug/l		98
28) Bromochloromethane	7.350	49	5009	2.62	ug/l	#	99
29) Tetrahydrofuran	7.368	42	7204	12.71	ug/l		97
30) Chloroform	7.514	83	9858	2.56	ug/l		95
31) Cyclohexane	7.795	56	12111	3.36	ug/l	#	70
32) 1,1,1-Trichloroethane	7.716	97	8966	2.60	ug/l		99
36) 1,1-Dichloropropene	7.929	75	8032	2.58	ug/l		94
37) Ethyl Acetate	7.088	43	6577	3.09	ug/l		97
38) Carbon Tetrachloride	7.911	117	5984	2.14	ug/l		91
39) Methylcyclohexane	9.191	83	8408	2.48	ug/l		93
40) Benzene	8.173	78	22340	2.54	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
Data File : VY004751.D
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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 13 01:15:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 01:15:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	2768	2.38	ug/l	#	100
42) 1,2-Dichloroethane	8.246	62	7163	2.58	ug/l		100
43) Isopropyl Acetate	8.282	43	9749	2.47	ug/l	#	90
44) Trichloroethene	8.947	130	5901	2.50	ug/l		90
45) 1,2-Dichloropropane	9.221	63	5612	2.44	ug/l		93
46) Dibromomethane	9.313	93	3155	2.47	ug/l		97
47) Bromodichloromethane	9.502	83	7563	2.49	ug/l		99
48) Methyl methacrylate	9.301	41	4239	2.36	ug/l		99
49) 1,4-Dioxane	9.313	88	535	35.54	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.075	43	25816	12.13	ug/l		98
52) Toluene	10.252	92	14001	2.52	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	8531	2.54	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	8880	2.38	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	4365	2.48	ug/l	#	84
56) Ethyl methacrylate	10.514	69	5478	2.15	ug/l		95
57) 1,3-Dichloropropane	10.794	76	7898	2.52	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.794	63	13630	10.38	ug/l		96
59) 2-Hexanone	10.837	43	15996	11.09	ug/l		94
60) Dibromochloromethane	10.989	129	4973	2.38	ug/l		98
61) 1,2-Dibromoethane	11.093	107	4014	2.37	ug/l		93
64) Tetrachloroethene	10.727	164	6212	2.52	ug/l		95
65) Chlorobenzene	11.526	112	15041	2.68	ug/l		89
66) 1,1,1,2-Tetrachloroethane	11.593	131	4830	2.37	ug/l		92
67) Ethyl Benzene	11.599	91	25434	2.44	ug/l		98
68) m/p-Xylenes	11.703	106	18435	4.71	ug/l		100
69) o-Xylene	12.032	106	8757	2.39	ug/l		99
70) Styrene	12.050	104	14504	2.36	ug/l		95
71) Bromoform	12.209	173	2821	2.28	ug/l	#	95
73) Isopropylbenzene	12.337	105	23783	2.49	ug/l		99
74) N-amyl acetate	12.148	43	7415	2.19	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.587	83	5032	2.64	ug/l		99
76) 1,2,3-Trichloropropane	12.635	75	7122	5.29	ug/l	#	100
77) Bromobenzene	12.611	156	5607	2.60	ug/l		98
78) n-propylbenzene	12.672	91	29766	2.55	ug/l		98
79) 2-Chlorotoluene	12.763	91	16677	2.60	ug/l		100
80) 1,3,5-Trimethylbenzene	12.818	105	19469	2.45	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.379	75	2107	2.71	ug/l		91
82) 4-Chlorotoluene	12.855	91	17092	2.57	ug/l		96
83) tert-Butylbenzene	13.080	119	17223	2.54	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	18345	2.31	ug/l		100
85) sec-Butylbenzene	13.257	105	25100	2.55	ug/l		100
86) p-Isopropyltoluene	13.373	119	20685	2.42	ug/l		97
87) 1,3-Dichlorobenzene	13.373	146	11762	2.78	ug/l		99
88) 1,4-Dichlorobenzene	13.452	146	12040	2.88	ug/l		89
89) n-Butylbenzene	13.702	91	21055	2.52	ug/l		100
90) Hexachloroethane	13.964	117	3003	2.49	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	10225	2.74	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1331	3.73	ug/l		71
93) 1,2,4-Trichlorobenzene	15.013	180	6794	2.82	ug/l		99
94) Hexachlorobutadiene	15.117	225	3945	3.02	ug/l		96
95) Naphthalene	15.239	128	13940	2.68	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	6482	3.04	ug/l		93

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
Data File : VY004751.D
Acq On : 12 May 2021 12:21
Operator : SY/MD
Sample : M2262-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 13 01:15:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 01:15:20 2021
Response via : Initial Calibration

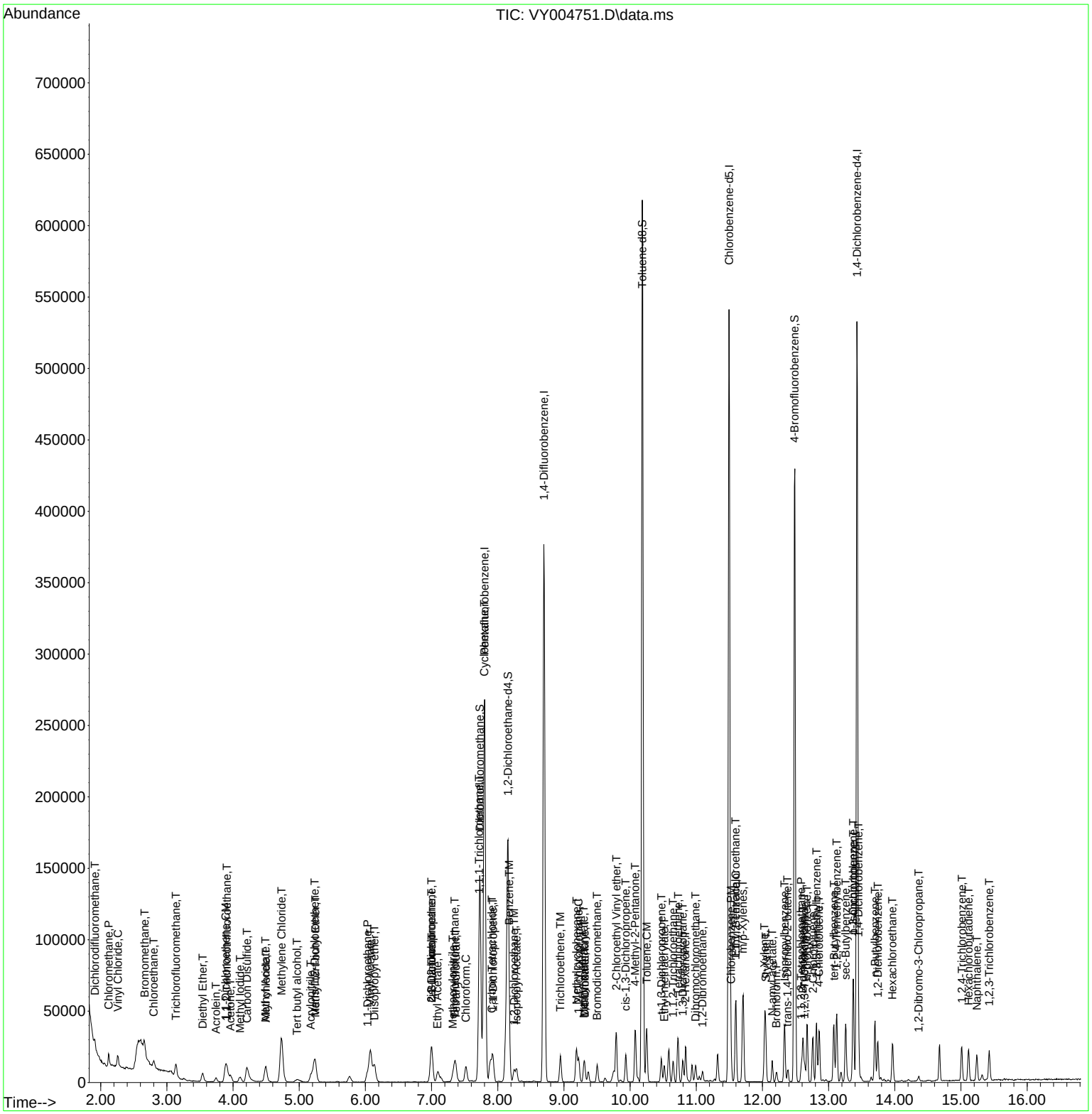
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

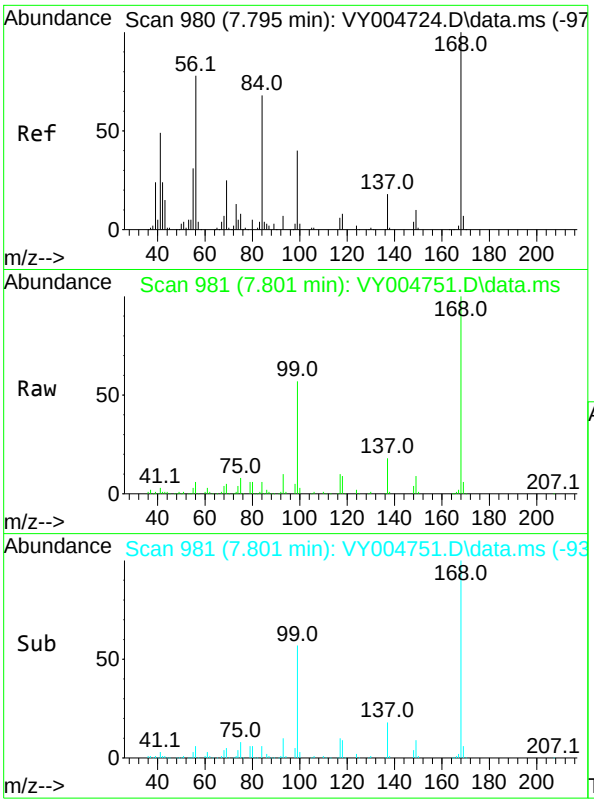
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
Data File : VY004751.D
Acq On : 12 May 2021 12:21
Operator : SY/MD
Sample : M2262-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 13 01:15:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 01:15:20 2021
Response via : Initial Calibration



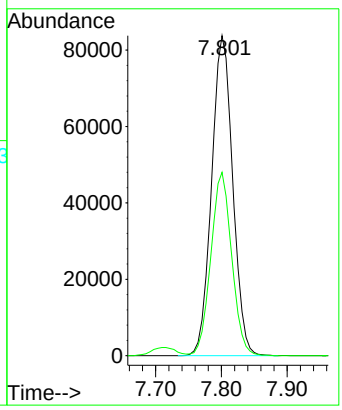
Instrument :
MSVOA_Y
ClientSampleId :

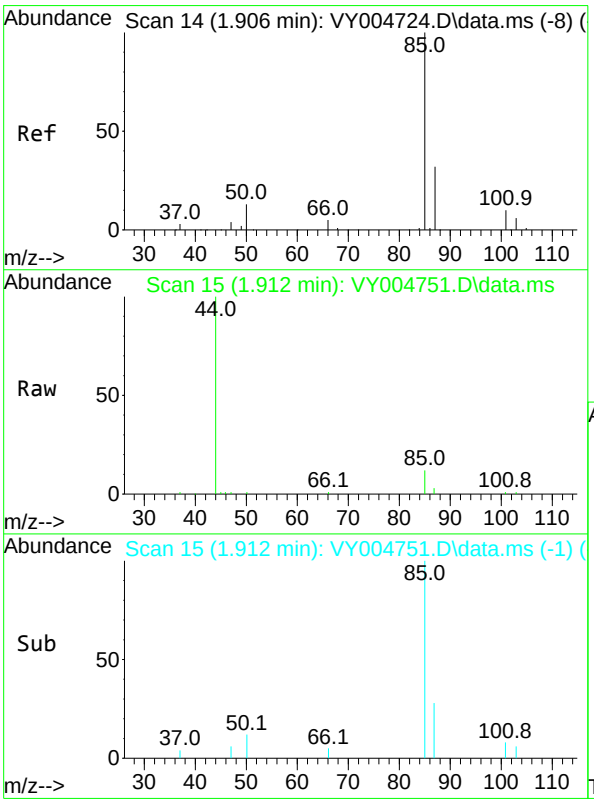


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:168 Resp: 187058

Ion	Ratio	Lower	Upper
168	100		
99	57.3	45.6	68.4

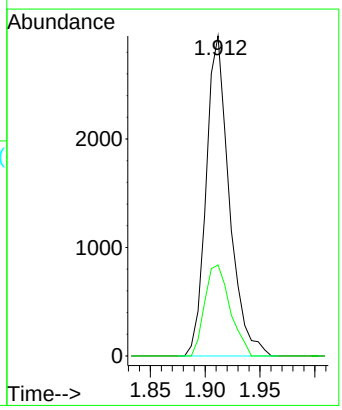




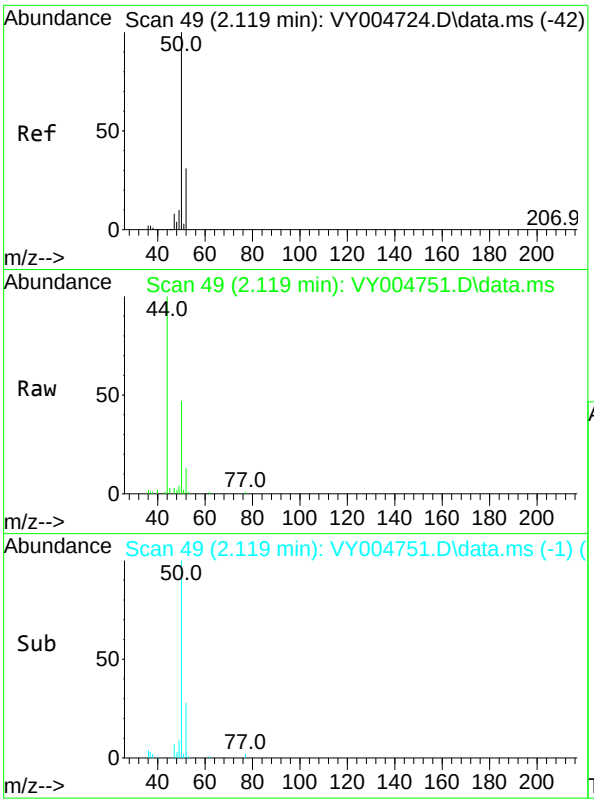
#2
Dichlorodifluoromethane
Concen: 2.53 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 85 Resp: 4332

Ion	Ratio	Lower	Upper
85	100		
87	28.4	16.2	48.5



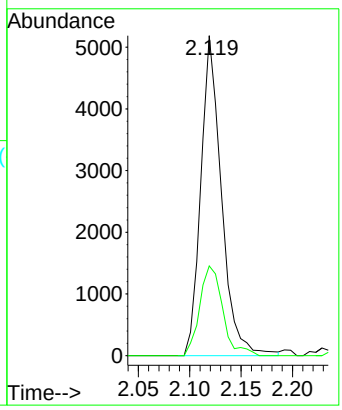
Instrument :
MSVOA_Y
ClientSampleId :

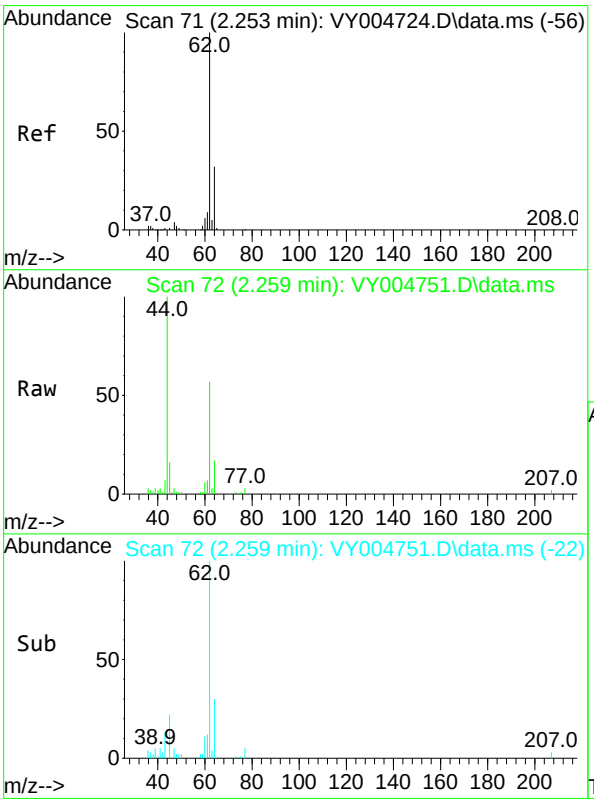


#3
Chloromethane
Concen: 2.61 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 50 Resp: 7254

Ion	Ratio	Lower	Upper
50	100		
52	28.1	25.0	37.6

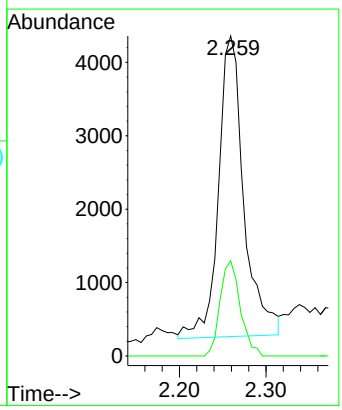


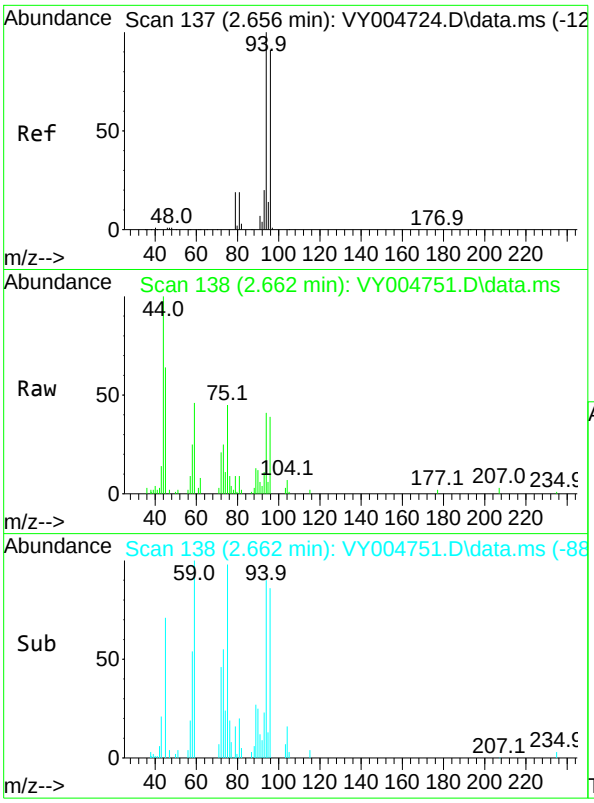


#4
Vinyl Chloride
Concen: 2.94 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 62 Resp: 8347

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2

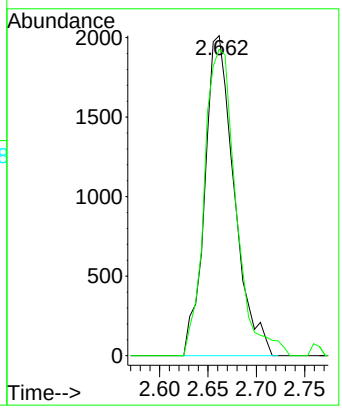




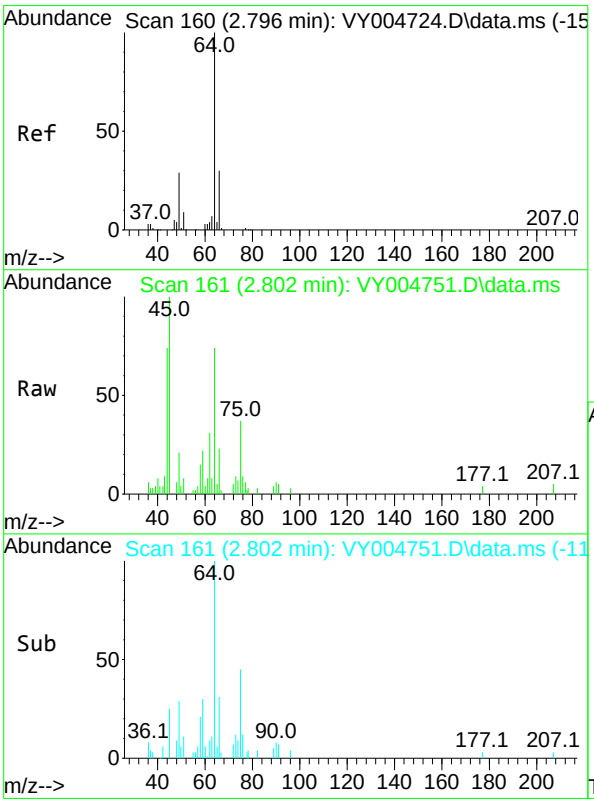
#5
Bromomethane
Concen: 2.95 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 94 Resp: 4268

Ion	Ratio	Lower	Upper
94	100		
96	95.8	72.6	109.0



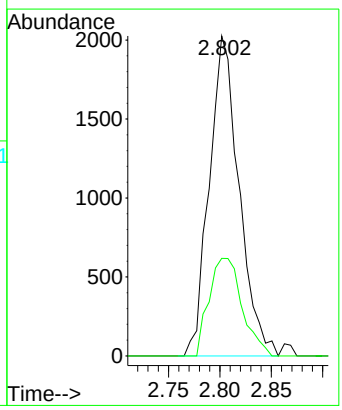
Instrument :
MSVOA_Y
ClientSampleId :



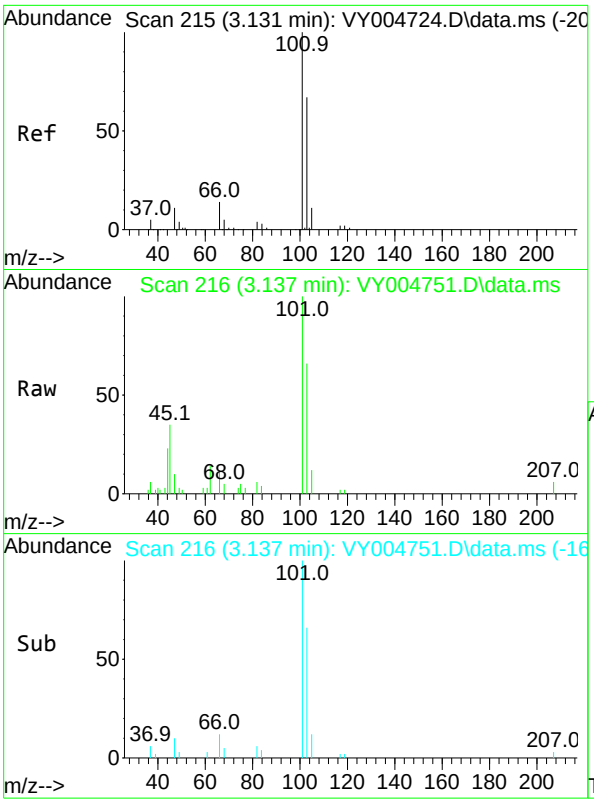
#6
Chloroethane
Concen: 2.43 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 64 Resp: 4080

Ion	Ratio	Lower	Upper
64	100		
66	30.5	23.7	35.5



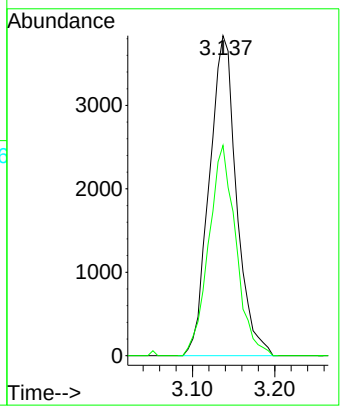
Instrument :
MSVOA_Y
ClientSampleId :

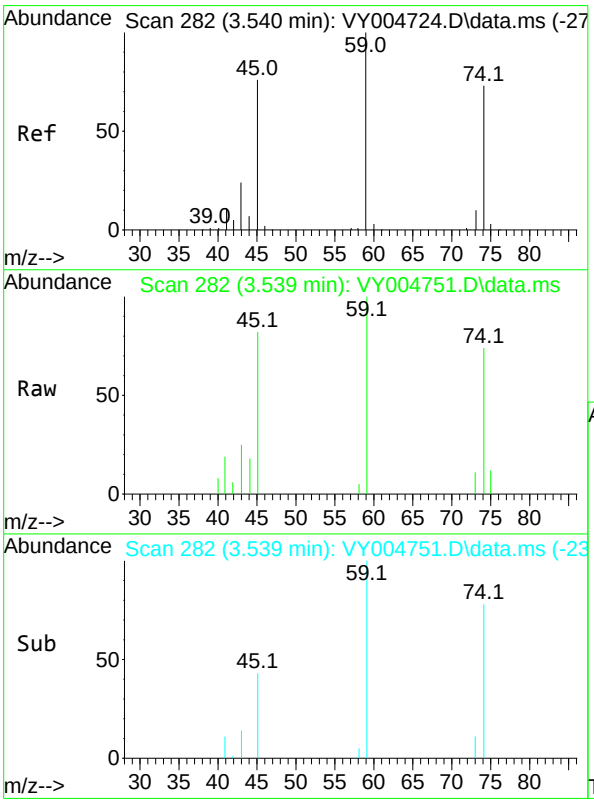


#7
Trichlorofluoromethane
Concen: 2.61 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:101 Resp: 8793

Ion	Ratio	Lower	Upper
101	100		
103	65.7	53.4	80.2

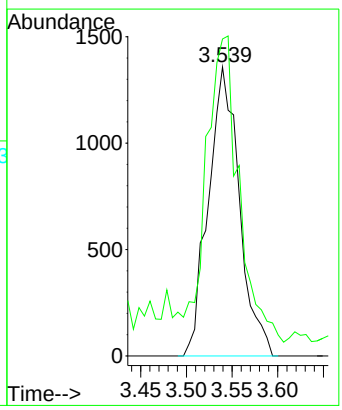


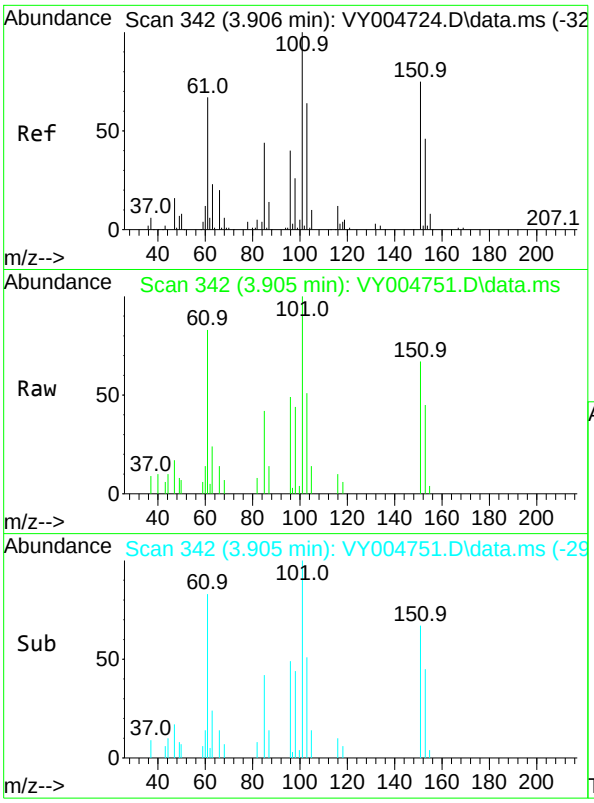


#8
Diethyl Ether
Concen: 2.69 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 74 Resp: 3202

Ion	Ratio	Lower	Upper
74	100		
45	110.8	53.9	161.8

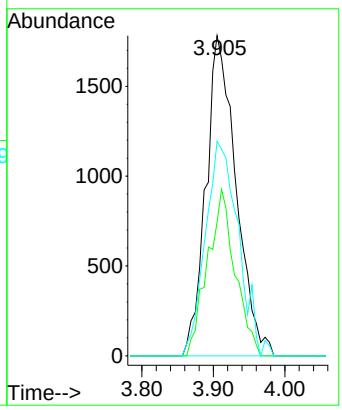




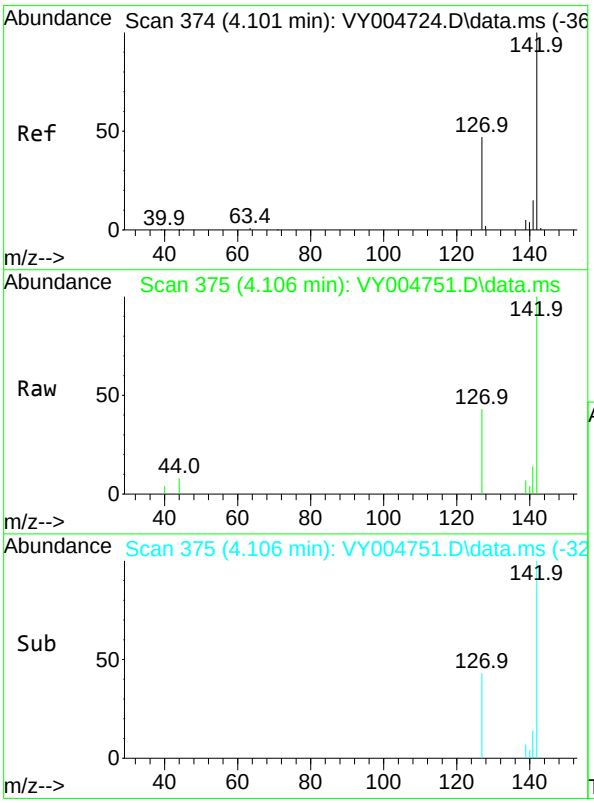
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.73 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:101 Resp: 5220

Ion	Ratio	Lower	Upper
101	100		
85	47.4	38.2	57.4
151	72.0	61.4	92.0



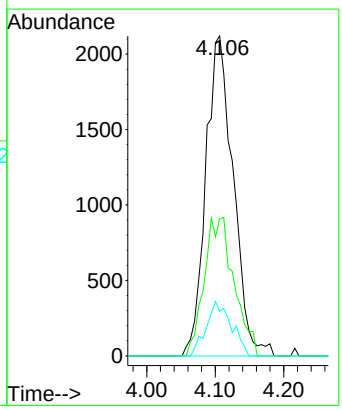
Instrument :
MSVOA_Y
ClientSampleId :

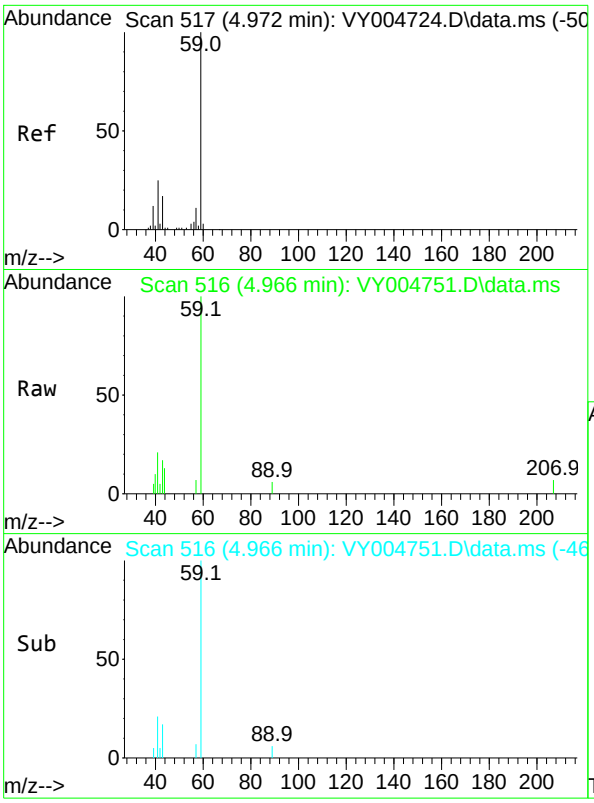


#10
Methyl Iodide
Concen: 2.88 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:142 Resp: 5900

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.1	55.7
141	15.6	11.9	17.9

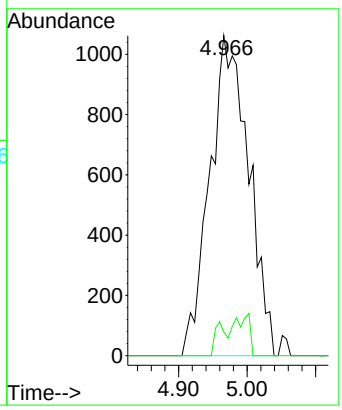




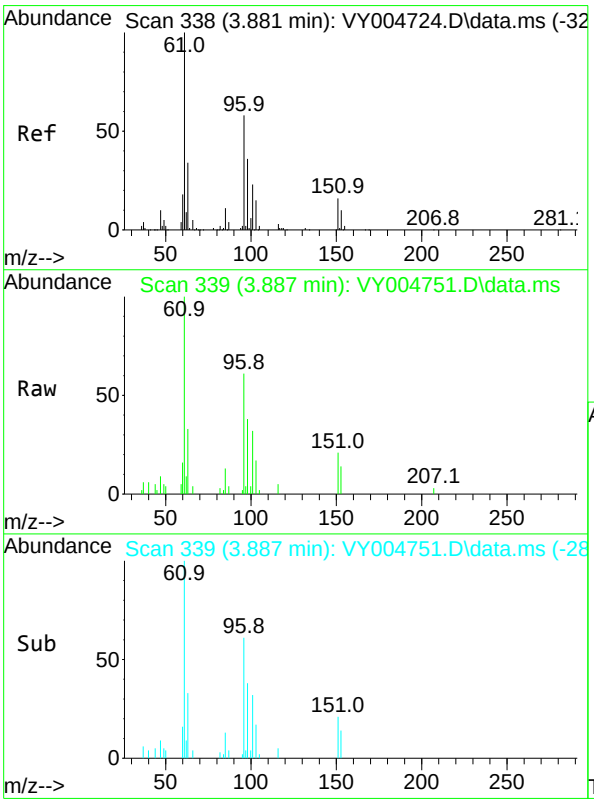
#11
Tert butyl alcohol
Concen: 18.70 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 59 Resp: 4184

Ion	Ratio	Lower	Upper
59	100		
57	3.0	8.7	13.1#



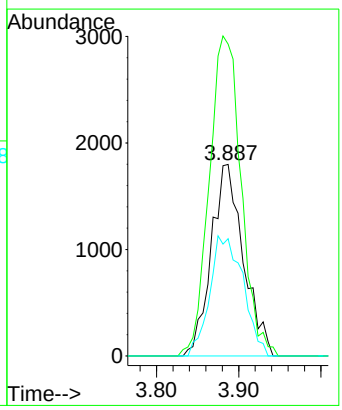
Instrument :
MSVOA_Y
ClientSampleId :



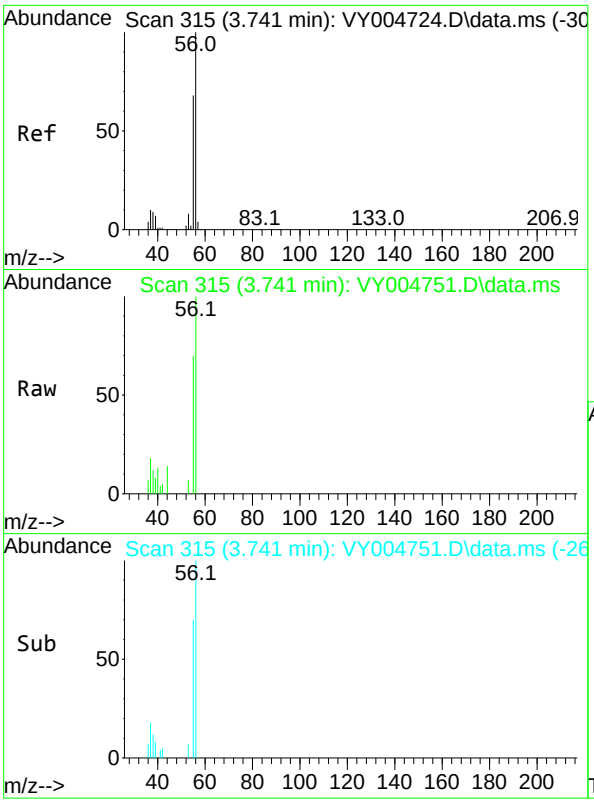
#12
1,1-Dichloroethene
Concen: 2.65 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 96 Resp: 4898

Ion	Ratio	Lower	Upper
96	100		
61	162.9	137.5	206.3
98	61.3	50.2	75.2



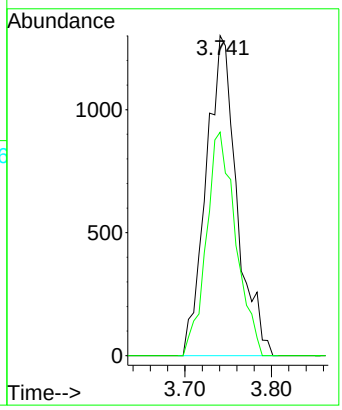
Instrument :
MSVOA_Y
ClientSampleId :

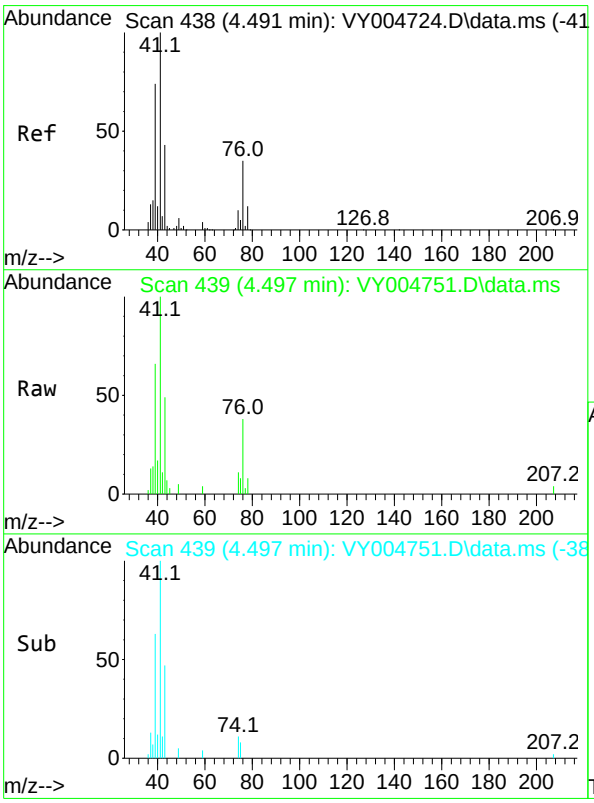


#13
Acrolein
Concen: 12.21 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 56 Resp: 3211

Ion	Ratio	Lower	Upper
56	100		
55	66.8	55.3	82.9

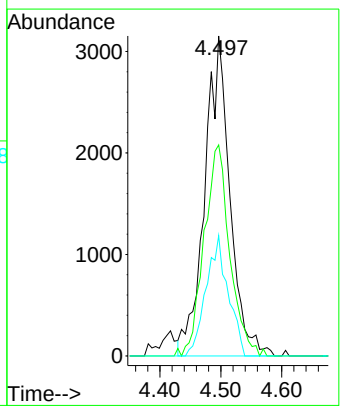




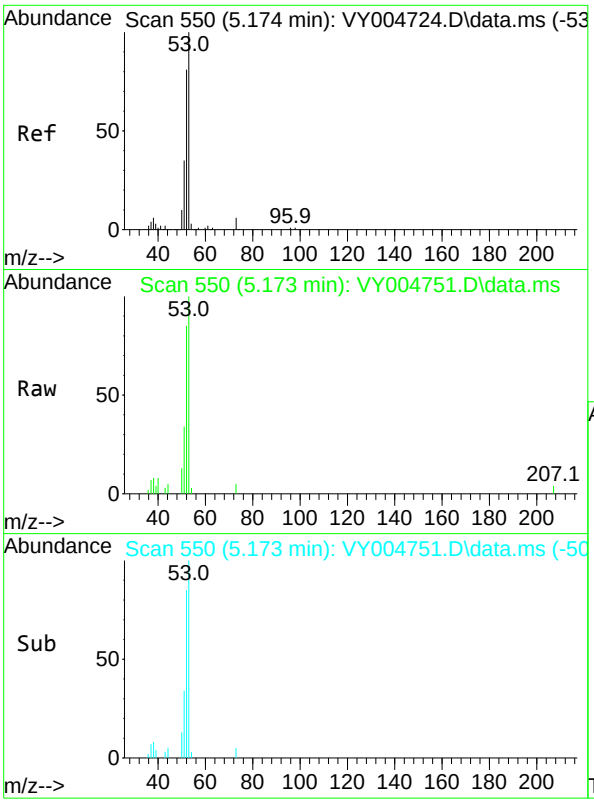
#14
Allyl chloride
Concen: 2.52 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 41 Resp: 9092

Ion	Ratio	Lower	Upper
41	100		
39	66.9	56.1	84.1
76	32.8	26.2	39.4



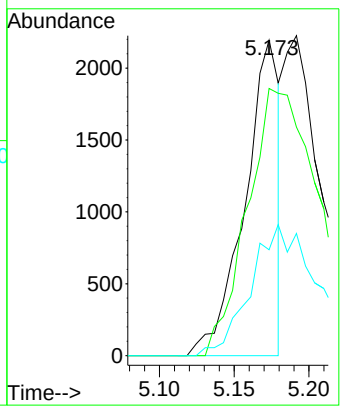
Instrument :
MSVOA_Y
ClientSampleId :

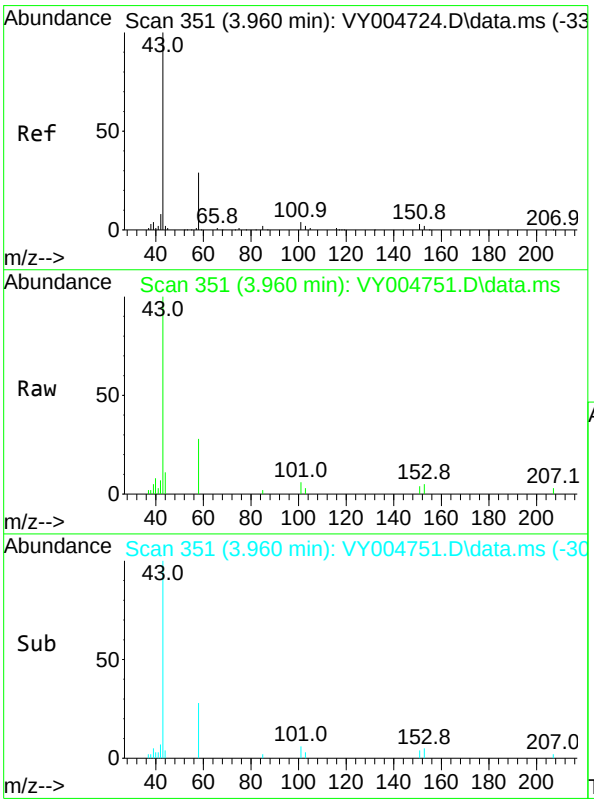


#15
Acrylonitrile
Concen: 5.94 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 53 Resp: 3546

Ion	Ratio	Lower	Upper
53	100		
52	175.7	65.0	97.6#
51	81.2	29.3	43.9#

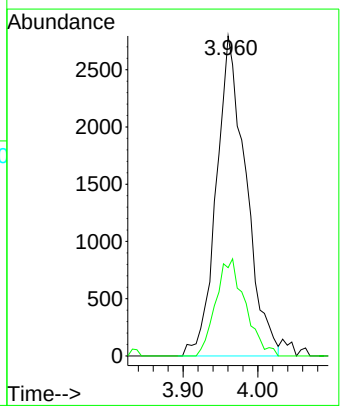




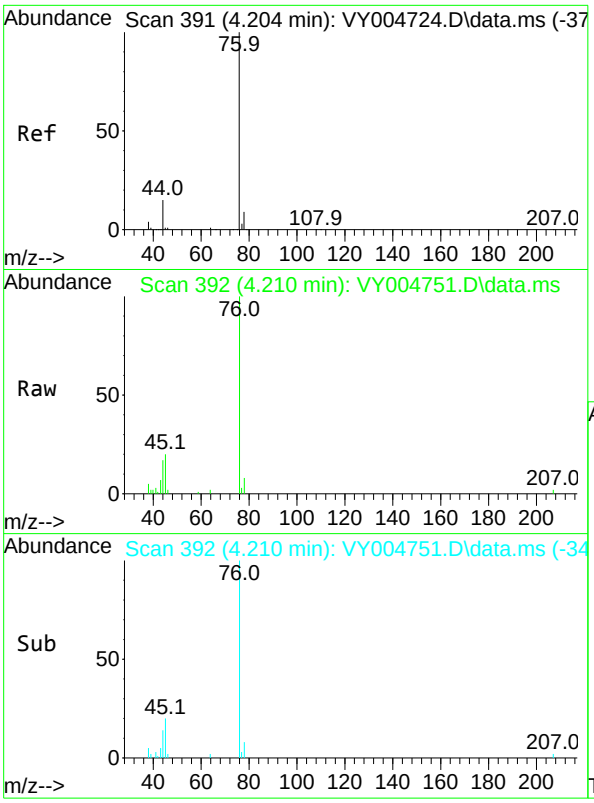
#16
Acetone
Concen: 15.33 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 7669

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.6	35.4



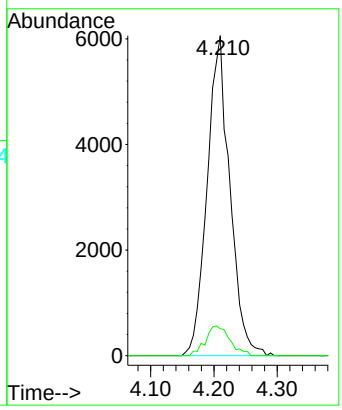
Instrument :
MSVOA_Y
ClientSampleId :

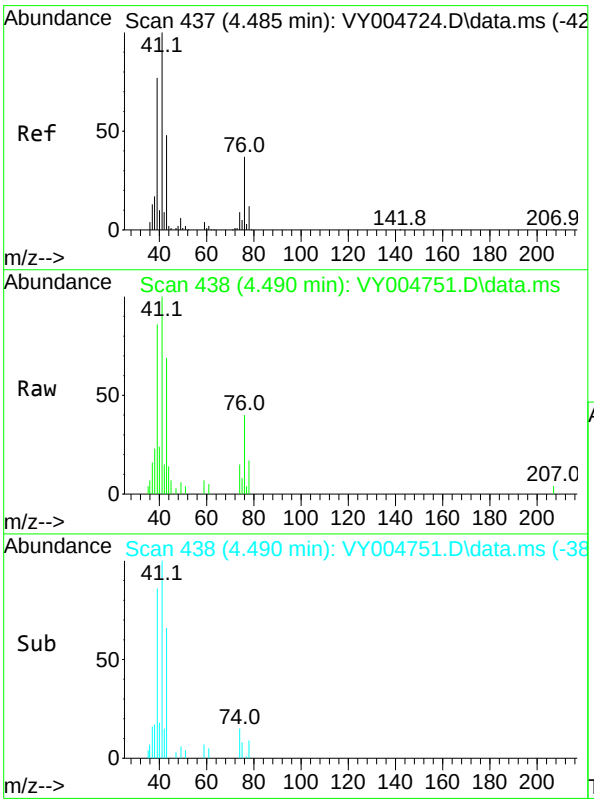


#17
Carbon Disulfide
Concen: 2.68 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 76 Resp: 15107

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.2	10.8

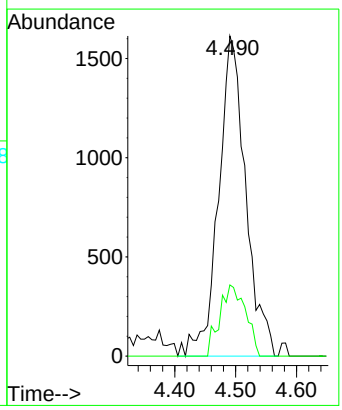


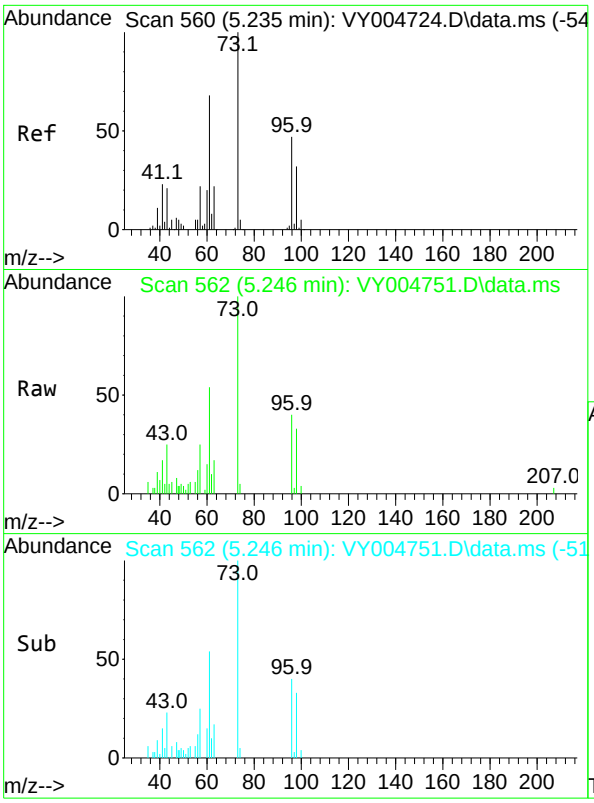


#18
Methyl Acetate
Concen: 3.14 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 5004

Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.6	24.8

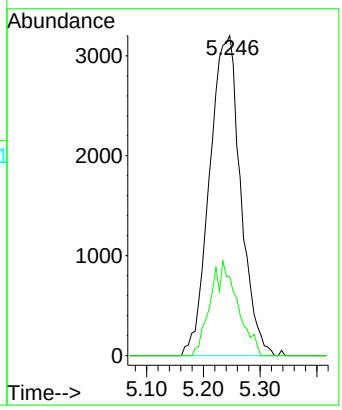




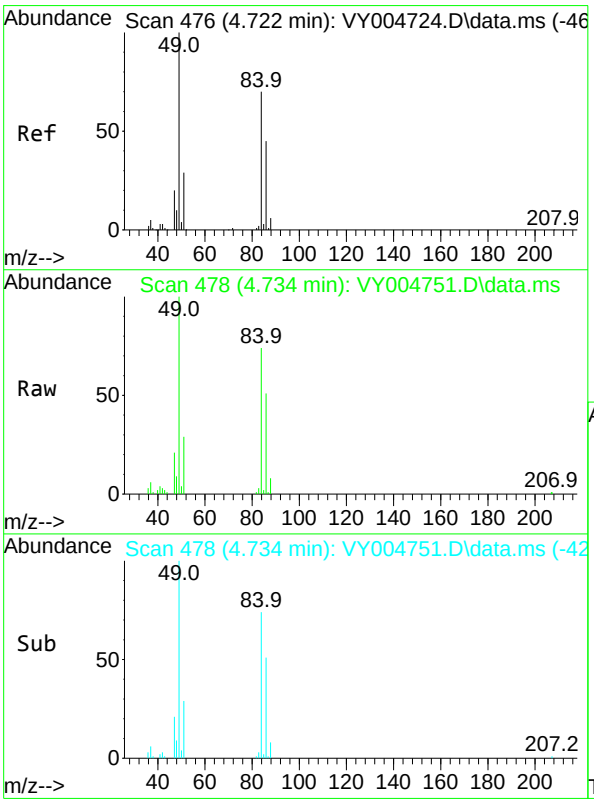
#19
Methyl tert-butyl Ether
Concen: 2.38 ug/l
RT: 5.246 min Scan# 562
Delta R.T. 0.012 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 73 Resp: 12120

Ion	Ratio	Lower	Upper
73	100		
57	24.7	17.9	26.9



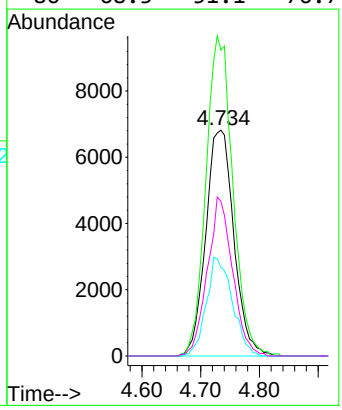
Instrument :
MSVOA_Y
ClientSampleId :

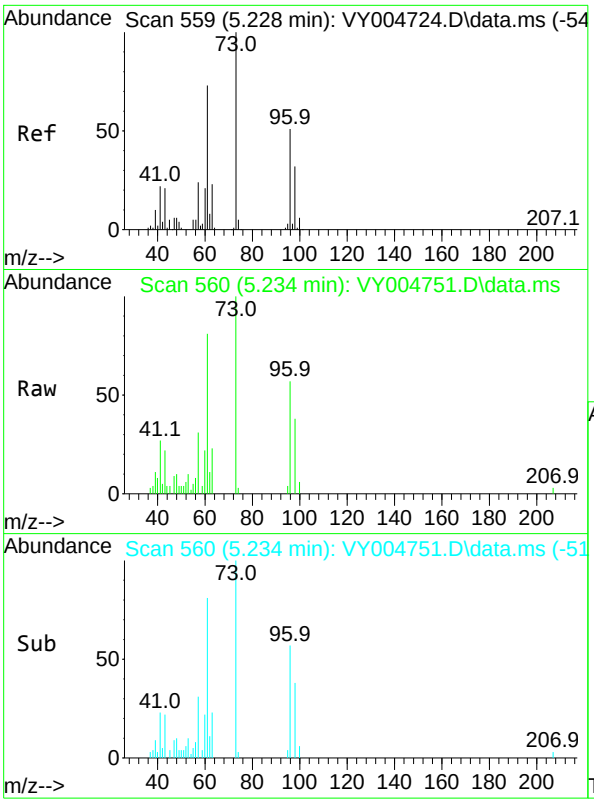


#20
Methylene Chloride
Concen: 7.07 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 84 Resp: 22659

Ion	Ratio	Lower	Upper
84	100		
49	135.5	113.8	170.8
51	39.3	33.5	50.3
86	68.5	51.1	76.7

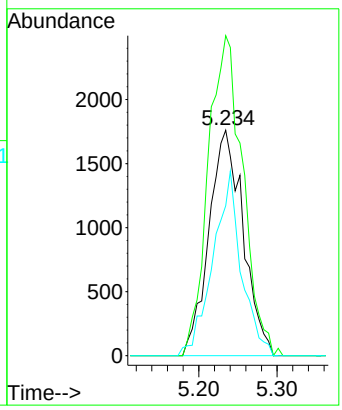




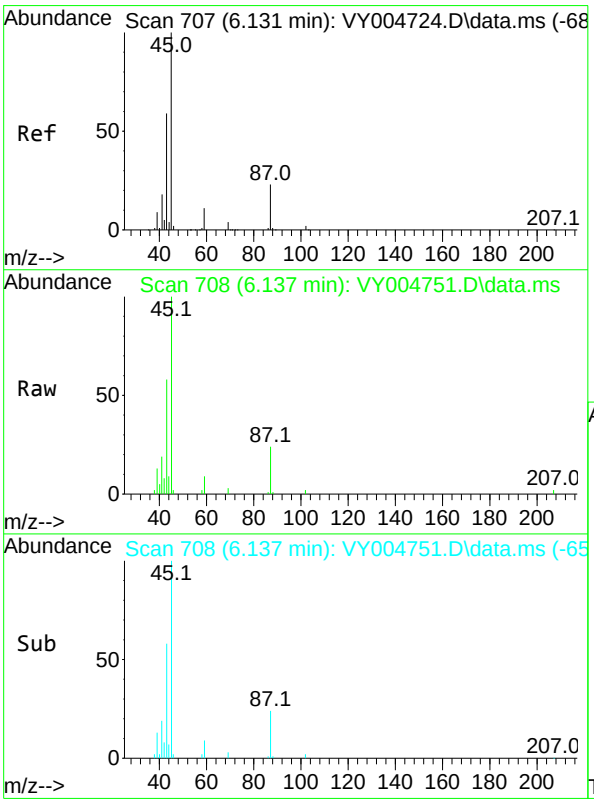
#21
trans-1,2-Dichloroethene
Concen: 2.55 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 96 Resp: 5353

Ion	Ratio	Lower	Upper
96	100		
61	141.9	115.5	173.3
98	66.5	50.6	75.8



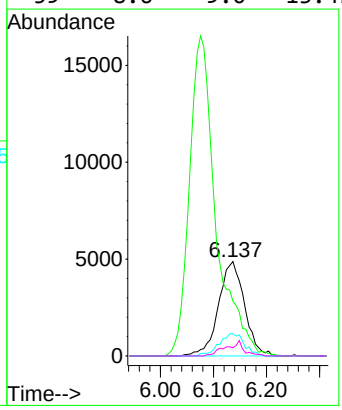
Instrument :
MSVOA_Y
ClientSampleId :



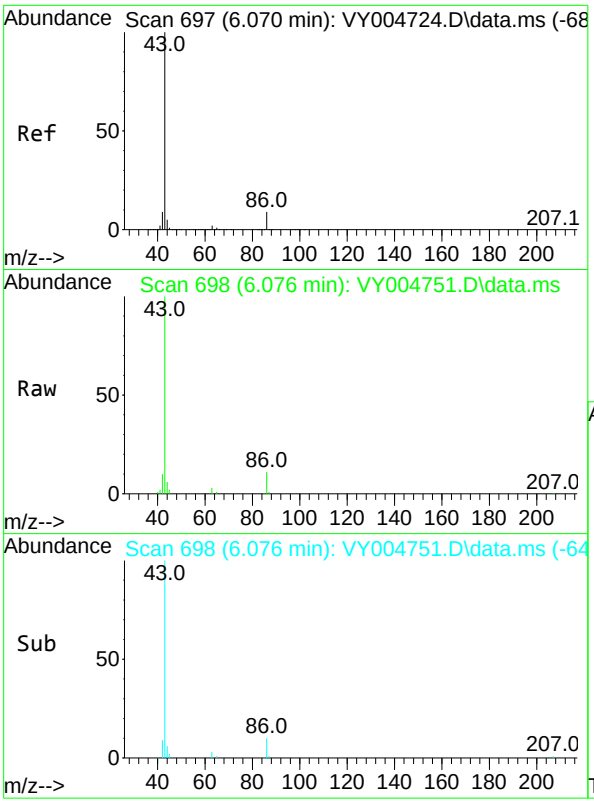
#22
Diisopropyl ether
Concen: 2.38 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 45 Resp: 16555

Ion	Ratio	Lower	Upper
45	100		
43	58.0	47.7	71.5
87	23.6	18.9	28.3
59	8.6	9.0	13.4#



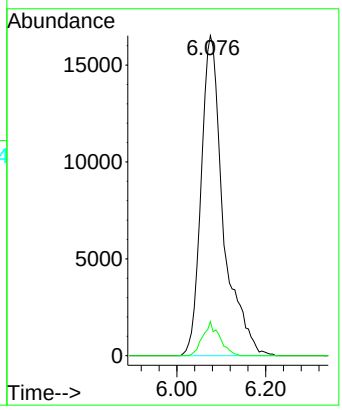
Instrument :
MSVOA_Y
ClientSampleId :

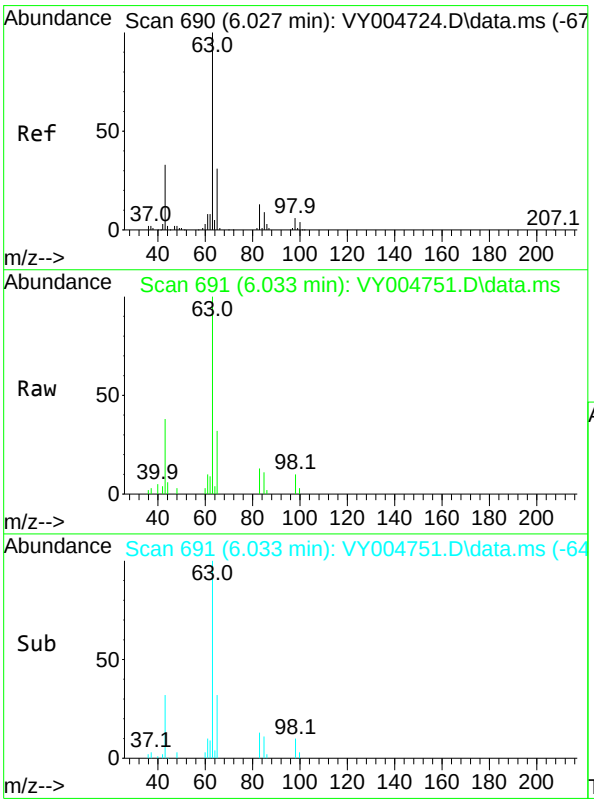


#23
Vinyl Acetate
Concen: 11.00 ug/l
RT: 6.076 min Scan# 698
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 57411

Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.2	10.8

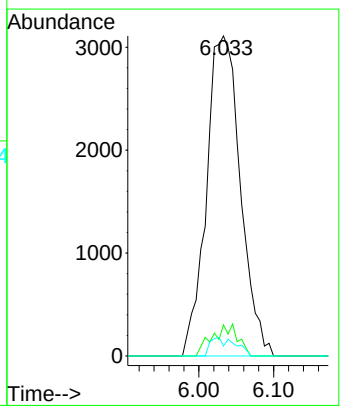




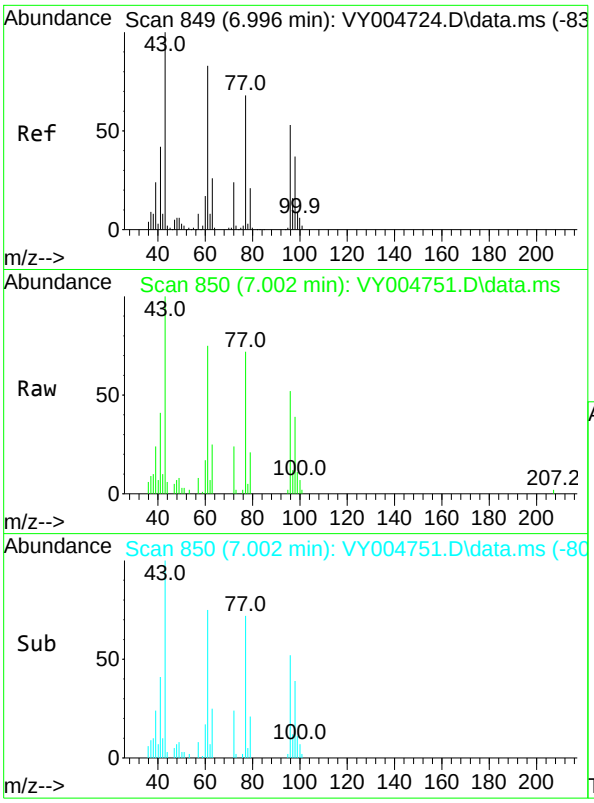
#24
1,1-Dichloroethane
Concen: 2.52 ug/l
RT: 6.033 min Scan# 691
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 63 Resp: 9836

Ion	Ratio	Lower	Upper
63	100		
98	9.7	3.1	9.4#
100	3.1	2.0	6.0



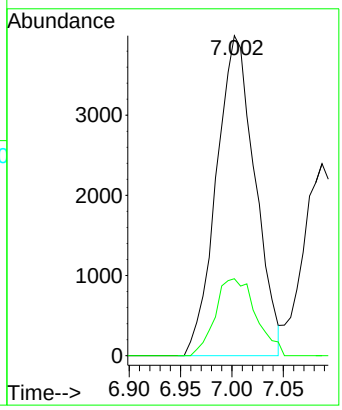
Instrument :
MSVOA_Y
ClientSampleId :

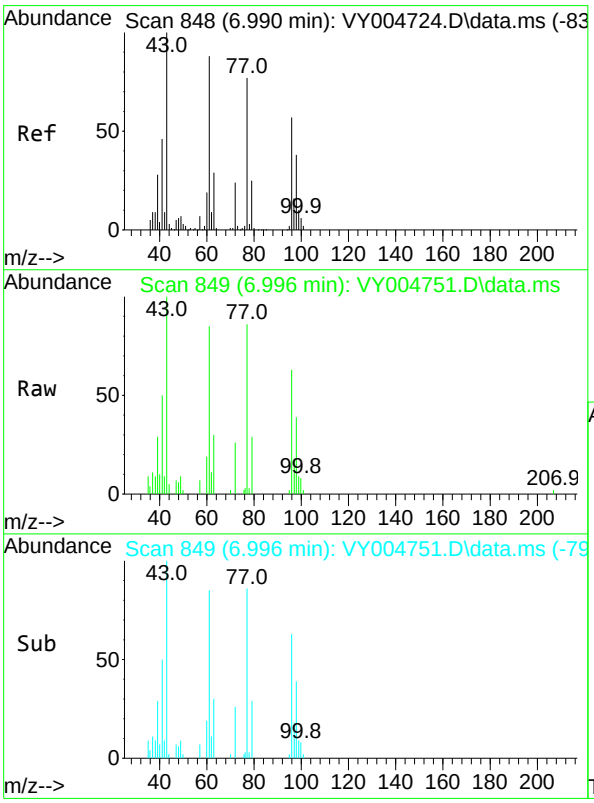


#25
2-Butanone
Concen: 11.72 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 10416

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.4	29.0

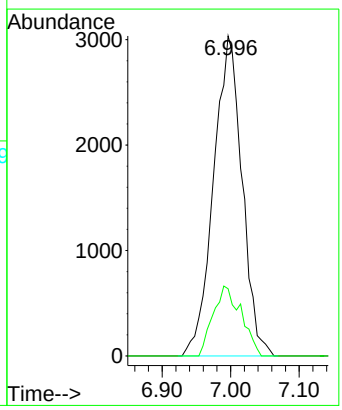




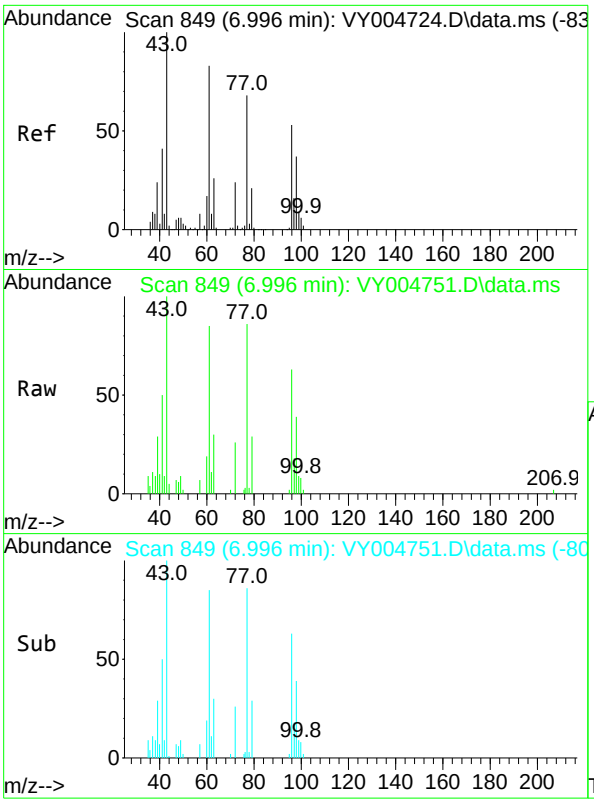
#26
2,2-Dichloropropane
Concen: 2.57 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 77 Resp: 8766

Ion	Ratio	Lower	Upper
77	100		
97	21.4	10.9	32.9



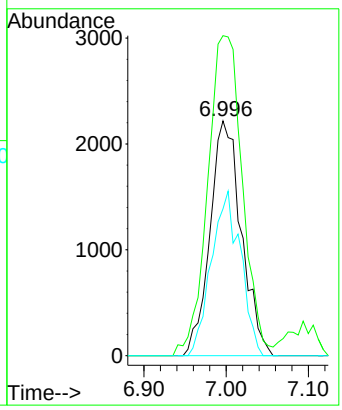
Instrument :
MSVOA_Y
ClientSampleId :

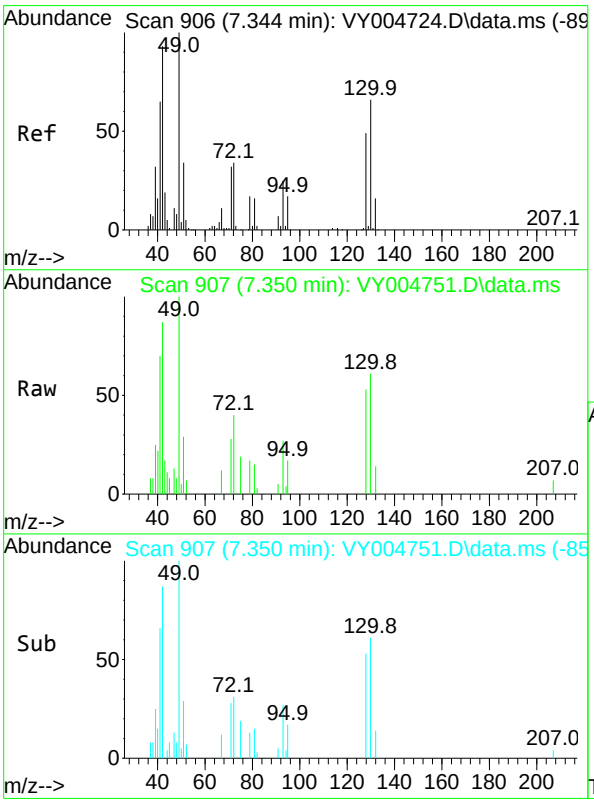


#27
cis-1,2-Dichloroethene
Concen: 2.52 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 96 Resp: 5881

Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	308.4
98	65.3	0.0	132.0

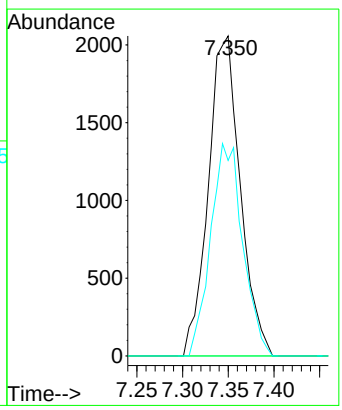




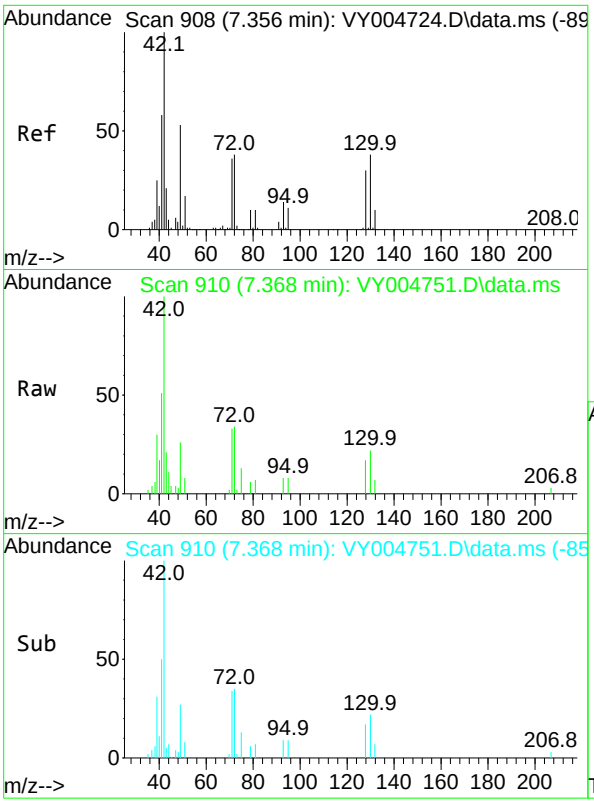
#28
Bromochloromethane
Concen: 2.62 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 49 Resp: 5009

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	66.6	52.8	79.2



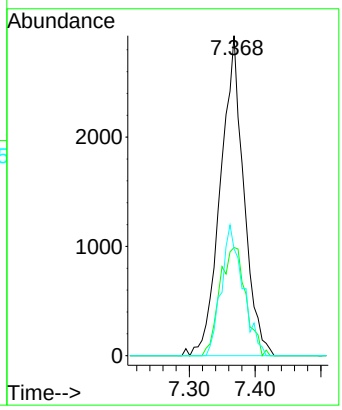
Instrument :
MSVOA_Y
ClientSampleId :

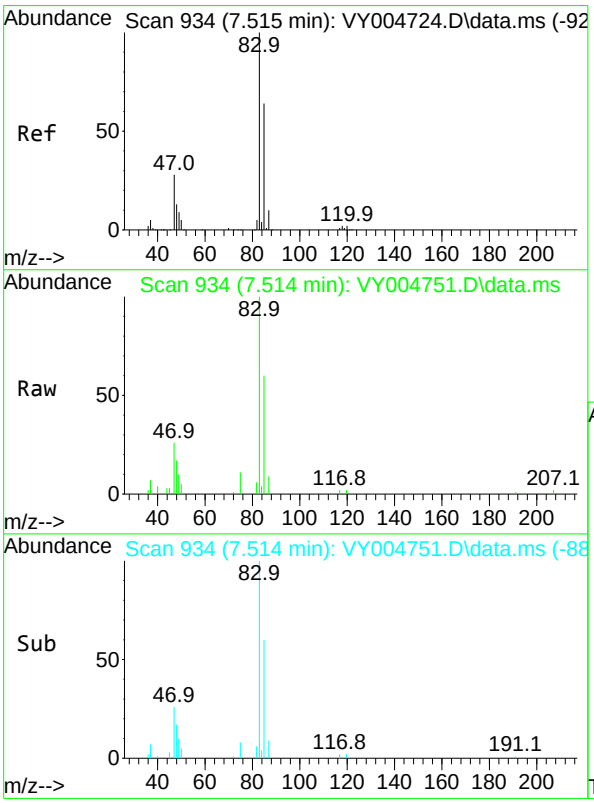


#29
Tetrahydrofuran
Concen: 12.71 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 42 Resp: 7204

Ion	Ratio	Lower	Upper
42	100		
72	37.9	29.4	44.0
71	37.7	28.0	42.0

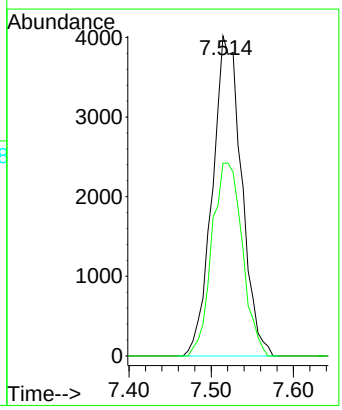




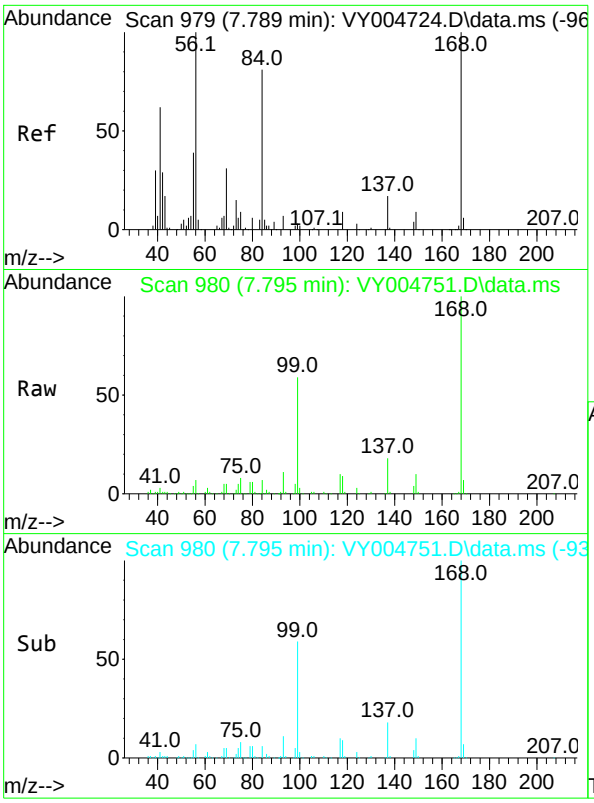
#30
Chloroform
Concen: 2.56 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 83 Resp: 9858

Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.3	76.9



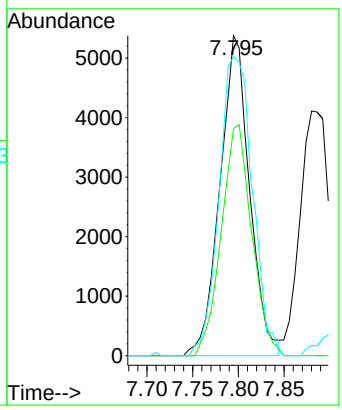
Instrument :
MSVOA_Y
ClientSampleId :

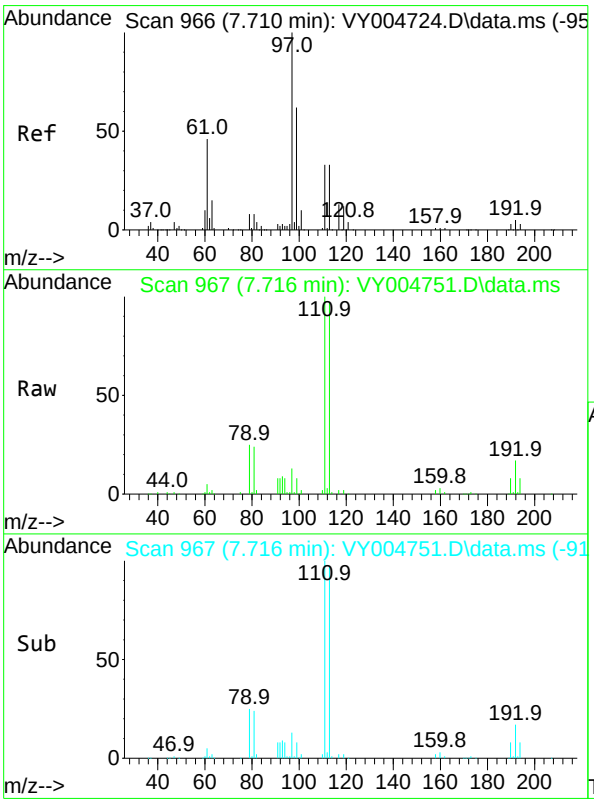


#31
Cyclohexane
Concen: 3.36 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 56 Resp: 12111

Ion	Ratio	Lower	Upper
56	100		
69	71.0	24.4	36.6#
84	93.5	64.8	97.2

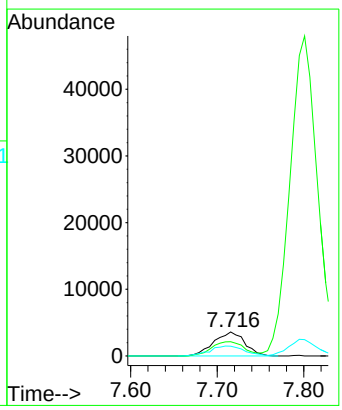




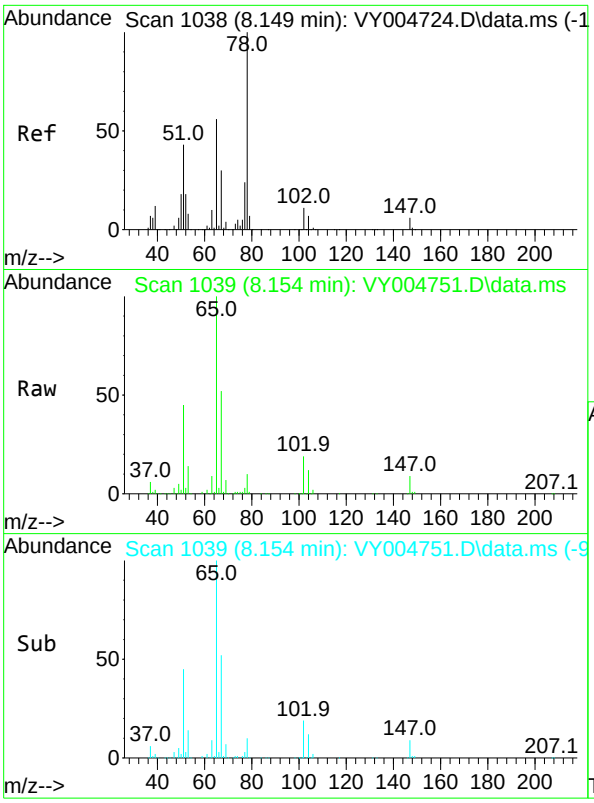
#32
1,1,1-Trichloroethane
Concen: 2.60 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 97 Resp: 8966

Ion	Ratio	Lower	Upper
97	100		
99	62.2	50.7	76.1
61	46.2	37.0	55.6



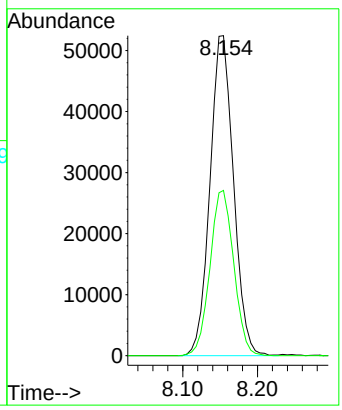
Instrument :
MSVOA_Y
ClientSampleId :

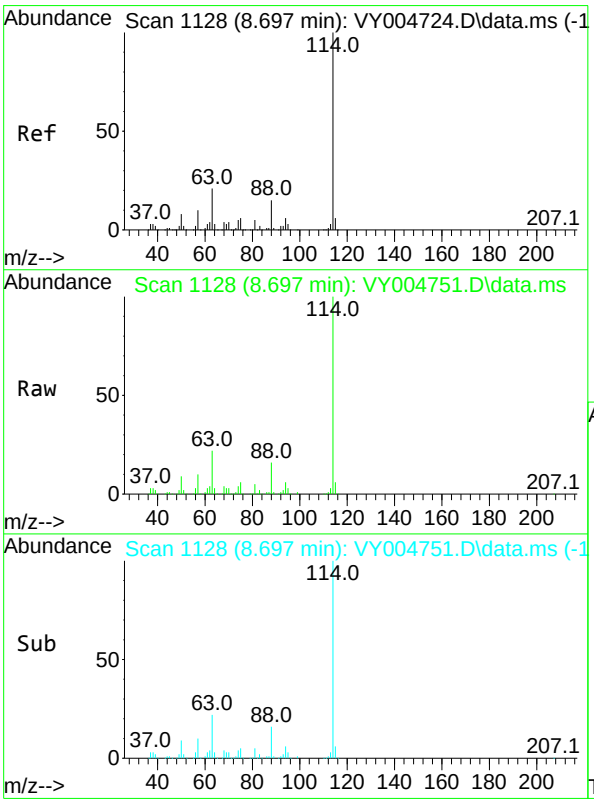


#33
1,2-Dichloroethane-d4
Concen: 51.52 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 65 Resp: 114722

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	108.0

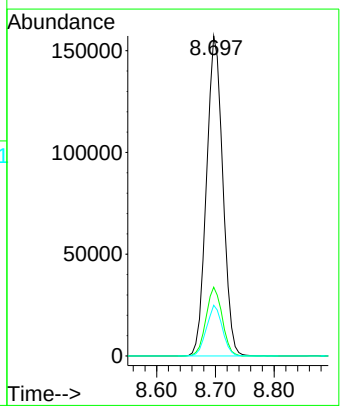




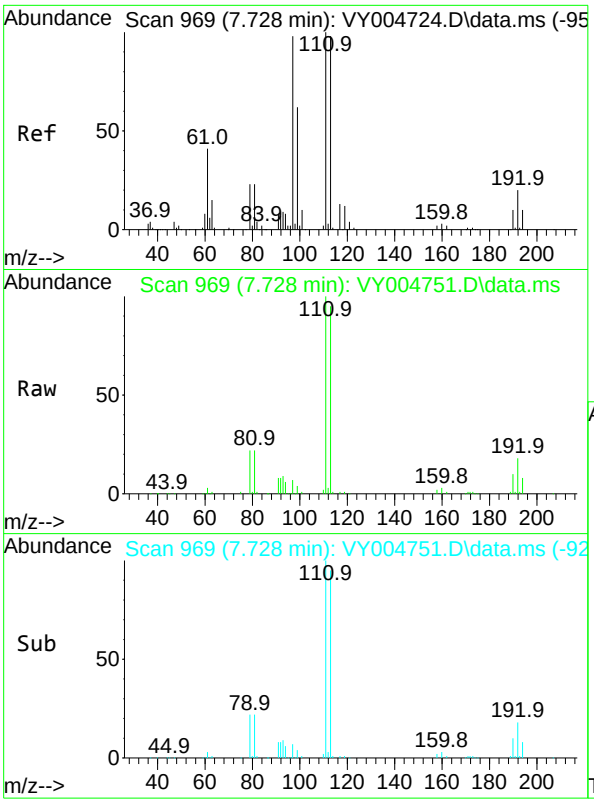
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:114 Resp: 303329

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.8
88	15.9	0.0	31.0



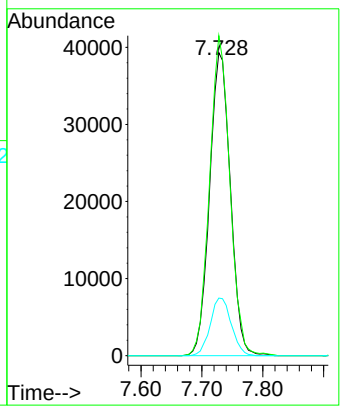
Instrument :
MSVOA_Y
ClientSampleId :

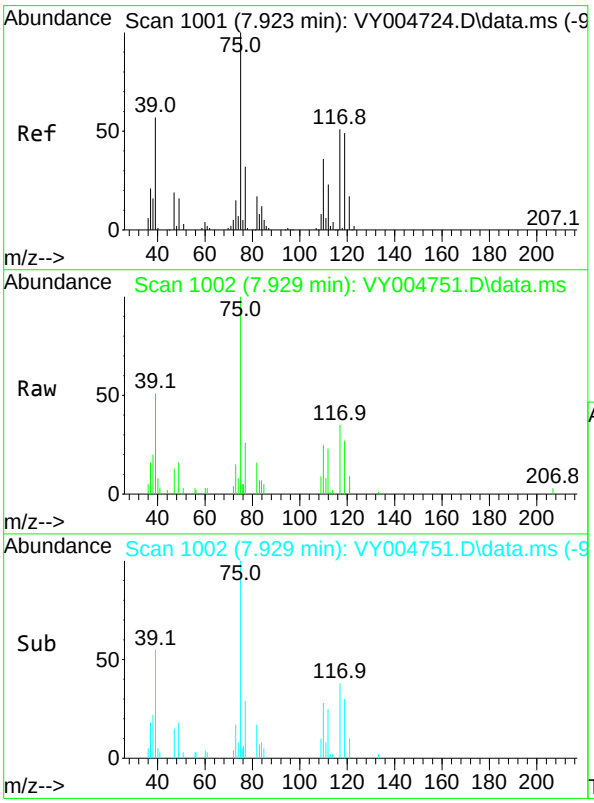


#35
Dibromofluoromethane
Concen: 56.08 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:113 Resp: 93117

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.5	120.7
192	19.3	15.0	22.6

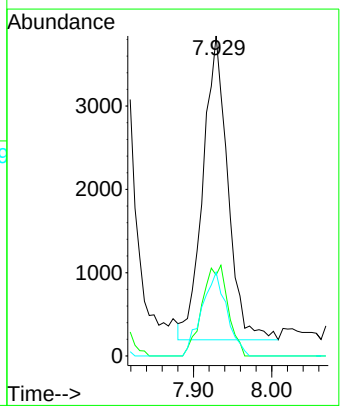


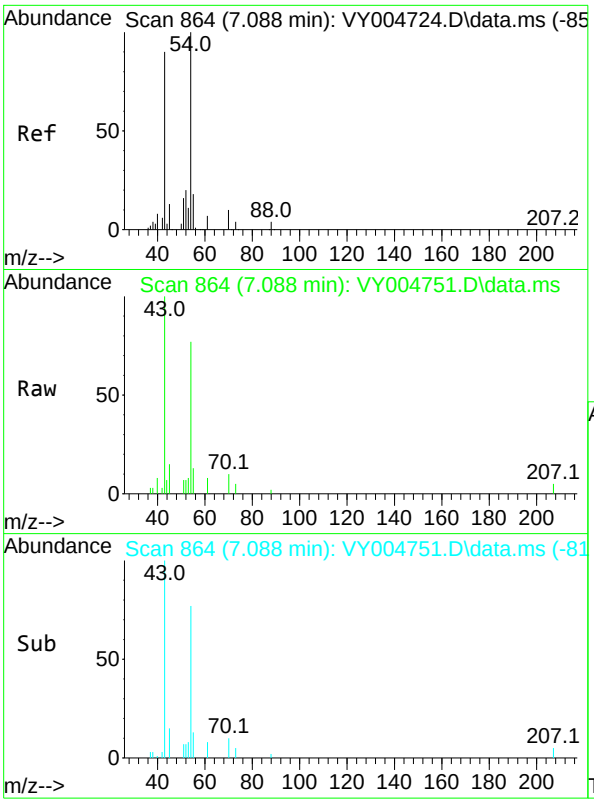


#36
1,1-Dichloropropene
Concen: 2.58 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 8032

Ion	Ratio	Lower	Upper
75	100		
110	31.0	17.0	50.9
77	27.8	25.0	37.4

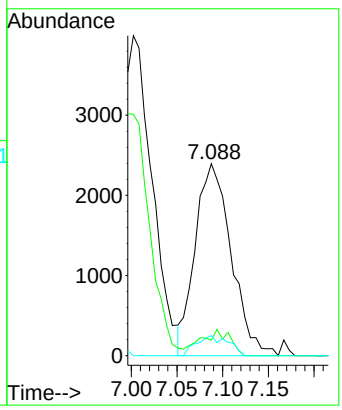




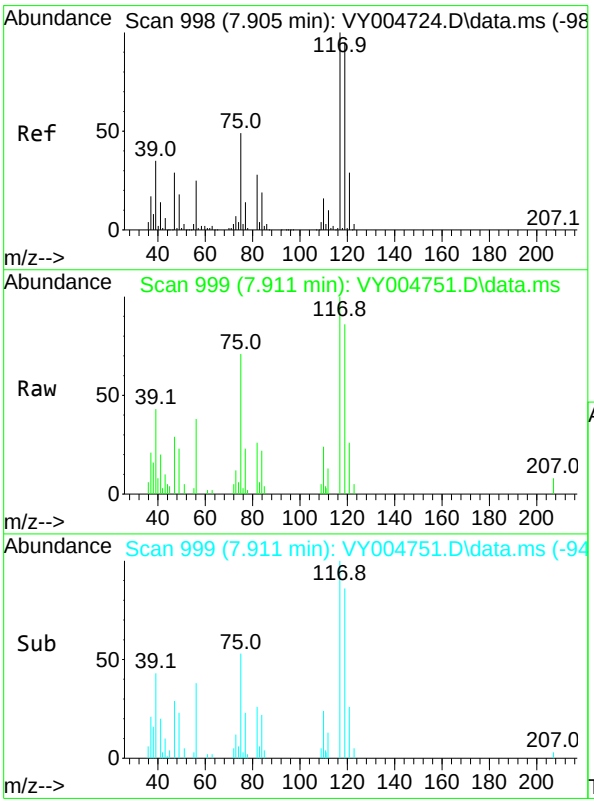
#37
Ethyl Acetate
Concen: 3.09 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 6577

Ion	Ratio	Lower	Upper
43	100		
61	10.9	9.9	14.9
70	9.2	6.7	10.1



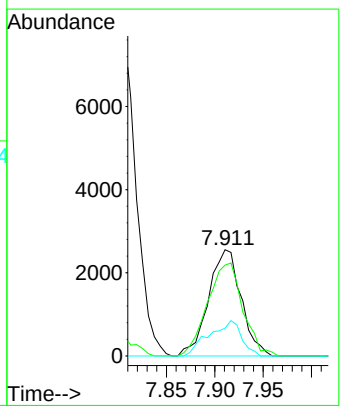
Instrument :
MSVOA_Y
ClientSampleId :



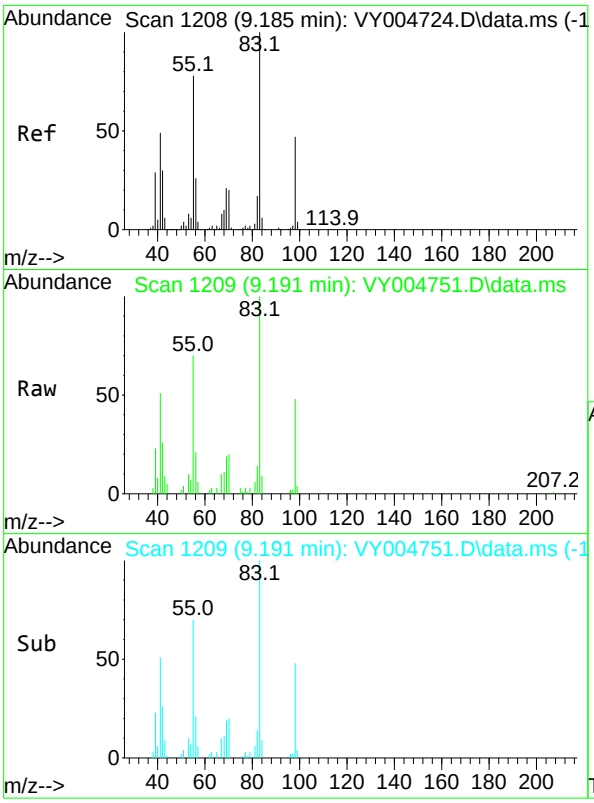
#38
Carbon Tetrachloride
Concen: 2.14 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:117 Resp: 5984

Ion	Ratio	Lower	Upper
117	100		
119	85.5	76.3	114.5
121	26.2	23.0	34.6



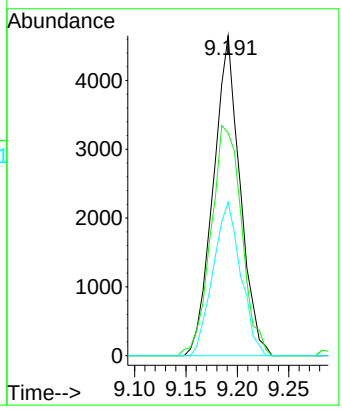
Instrument :
MSVOA_Y
ClientSampleId :

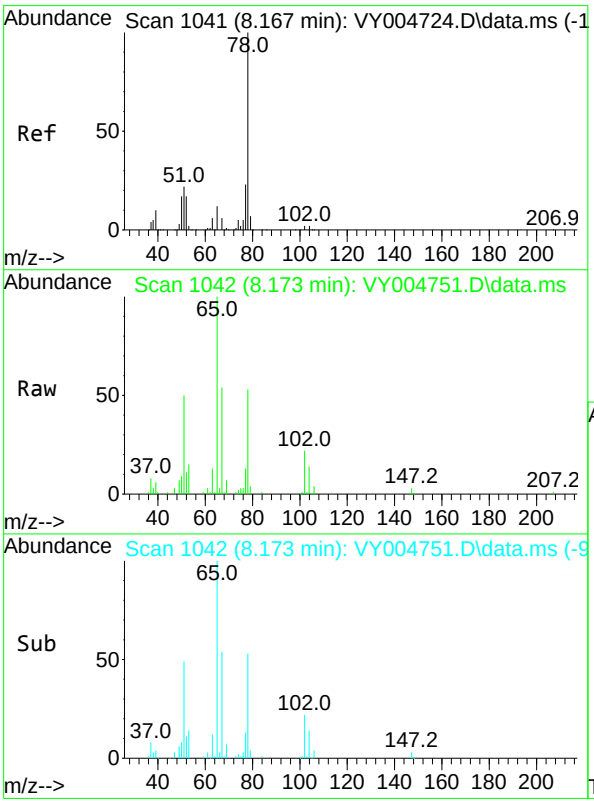


#39
Methylcyclohexane
Concen: 2.48 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 83 Resp: 8408

Ion	Ratio	Lower	Upper
83	100		
55	69.6	62.6	94.0
98	48.0	37.8	56.6

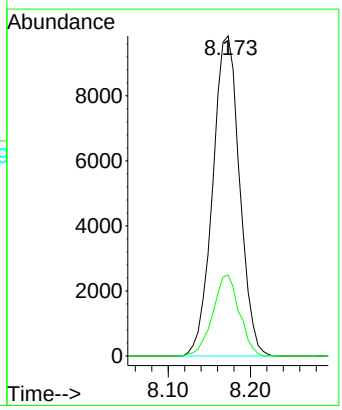




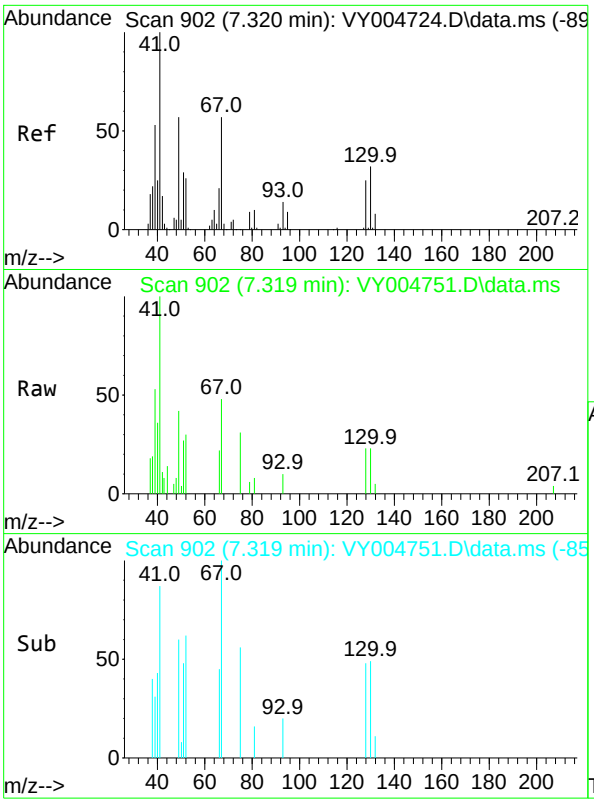
#40
Benzene
Concen: 2.54 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 78 Resp: 22340

Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.4	27.6



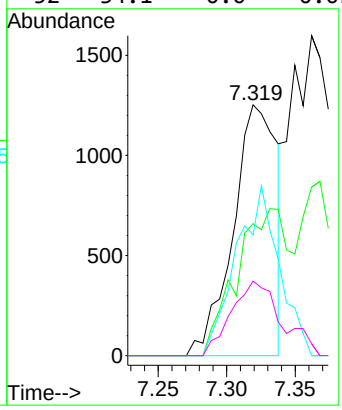
Instrument :
MSVOA_Y
ClientSampleId :

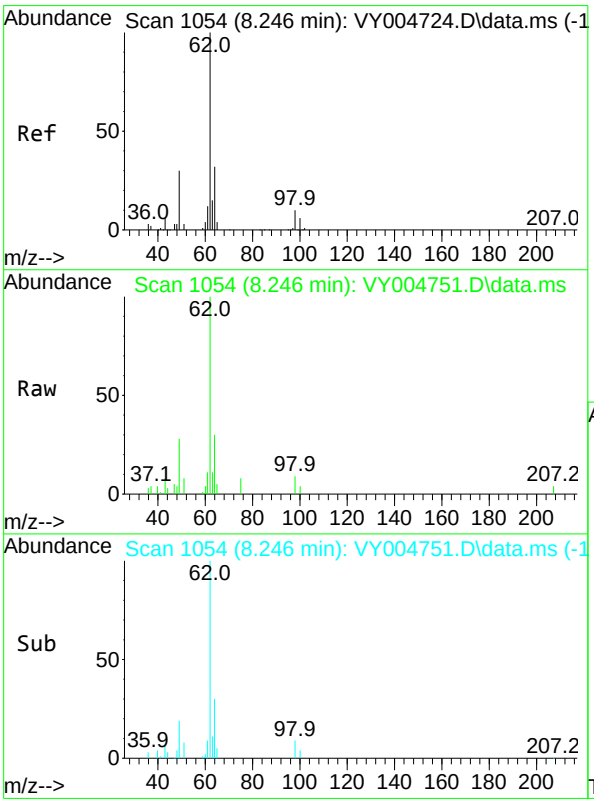


#41
Methacrylonitrile
Concen: 2.38 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 41 Resp: 2768

Ion	Ratio	Lower	Upper
41	100		
39	71.9	0.0	0.0#
67	66.5	0.0	0.0#
52	34.1	0.0	0.0#

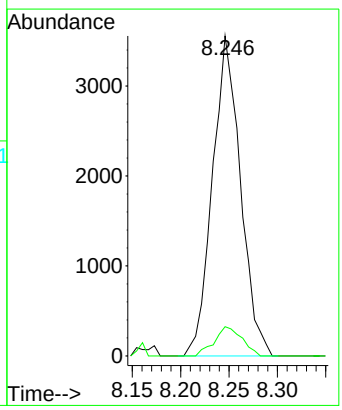




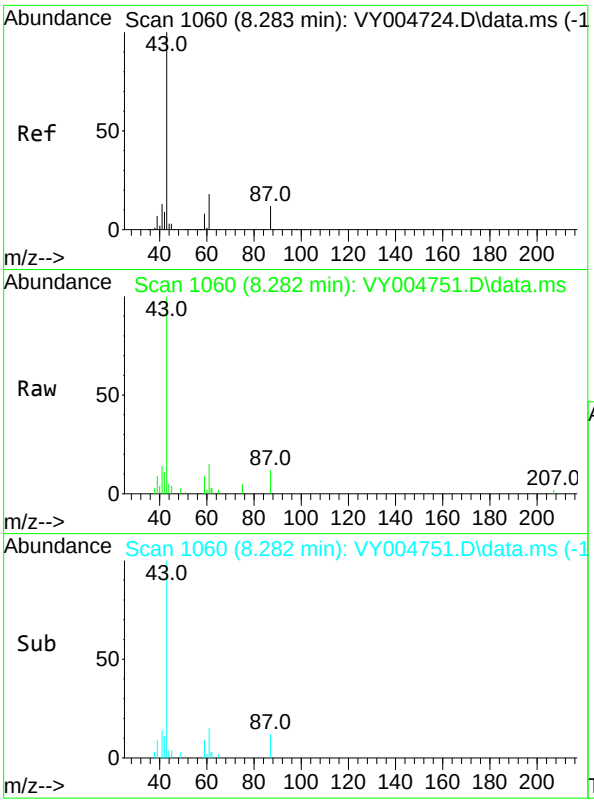
#42
1,2-Dichloroethane
Concen: 2.58 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 62 Resp: 7163

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2



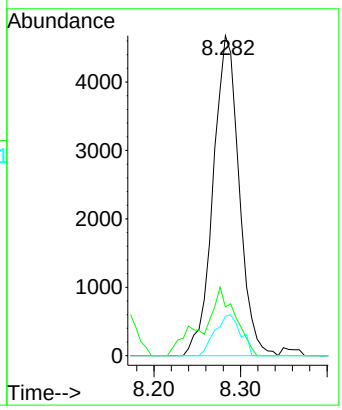
Instrument :
MSVOA_Y
ClientSampleId :

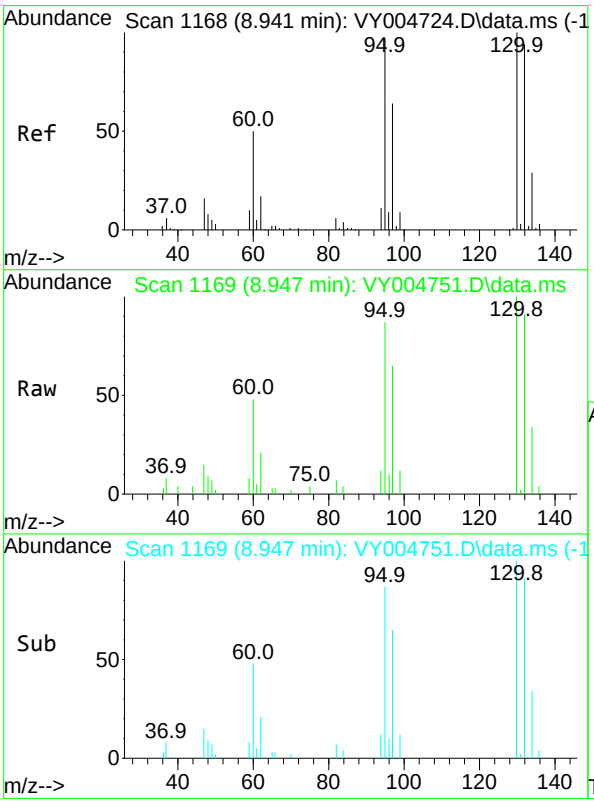


#43
Isopropyl Acetate
Concen: 2.47 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 9749

Ion	Ratio	Lower	Upper
43	100		
61	18.9	20.3	30.5#
87	12.6	9.2	13.8

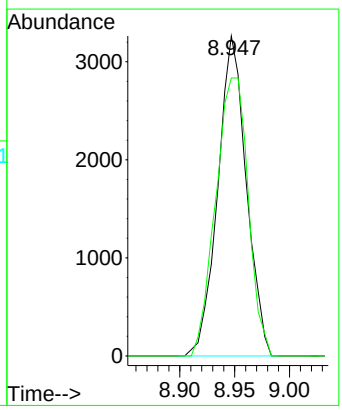




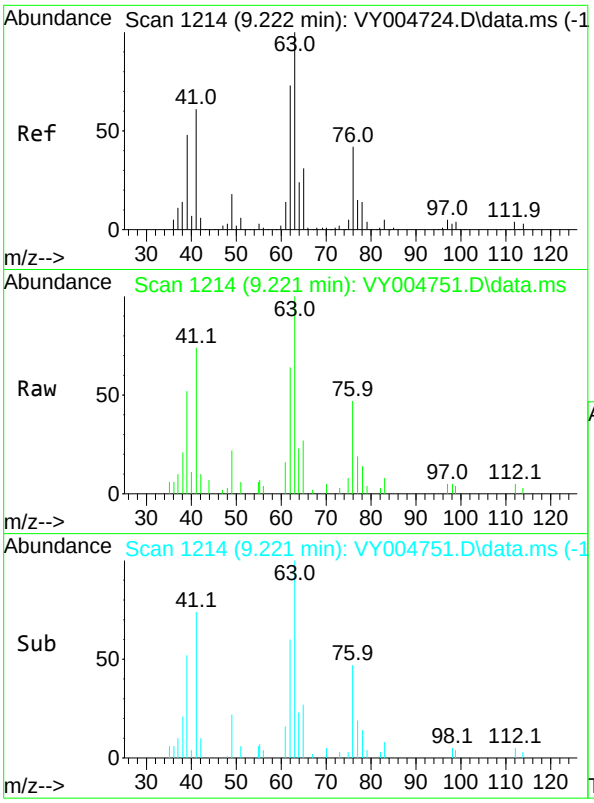
#44
Trichloroethene
Concen: 2.50 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:130 Resp: 5901

Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	193.6



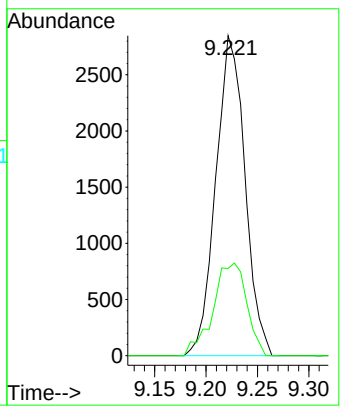
Instrument :
MSVOA_Y
ClientSampleId :

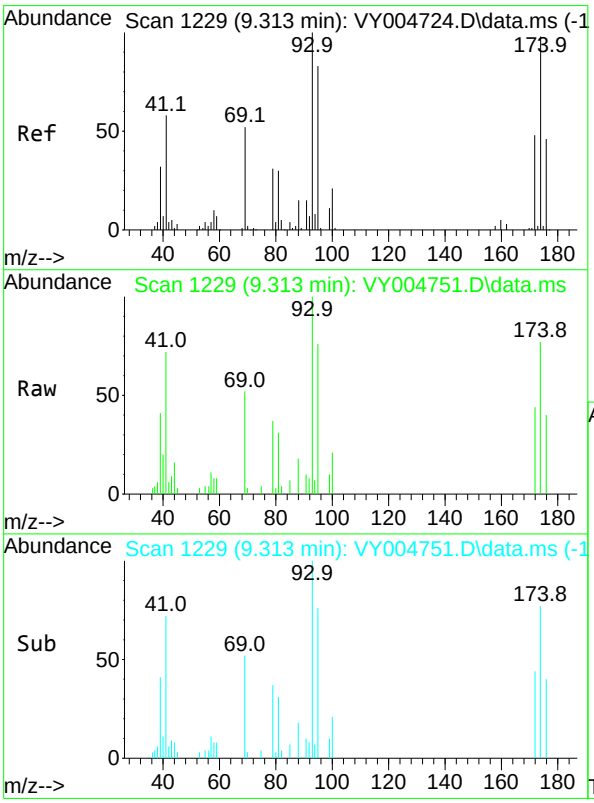


#45
1,2-Dichloropropane
Concen: 2.44 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 63 Resp: 5612

Ion	Ratio	Lower	Upper
63	100		
65	27.2	25.0	37.4

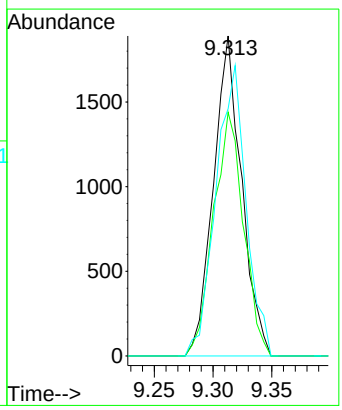




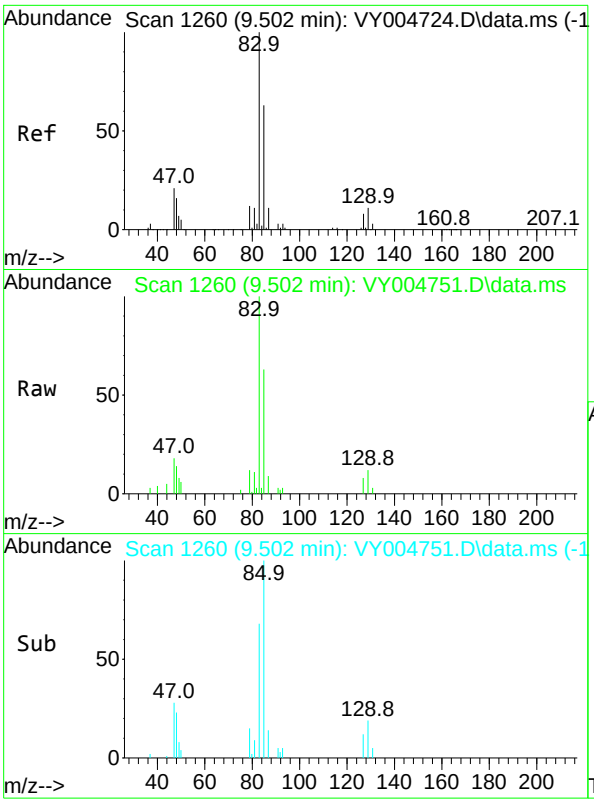
#46
Dibromomethane
Concen: 2.47 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 93 Resp: 3155

Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.8	100.2
174	97.3	75.9	113.9



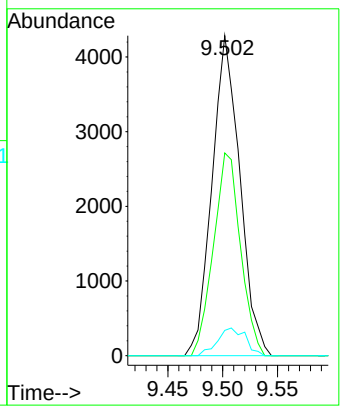
Instrument :
MSVOA_Y
ClientSampleId :

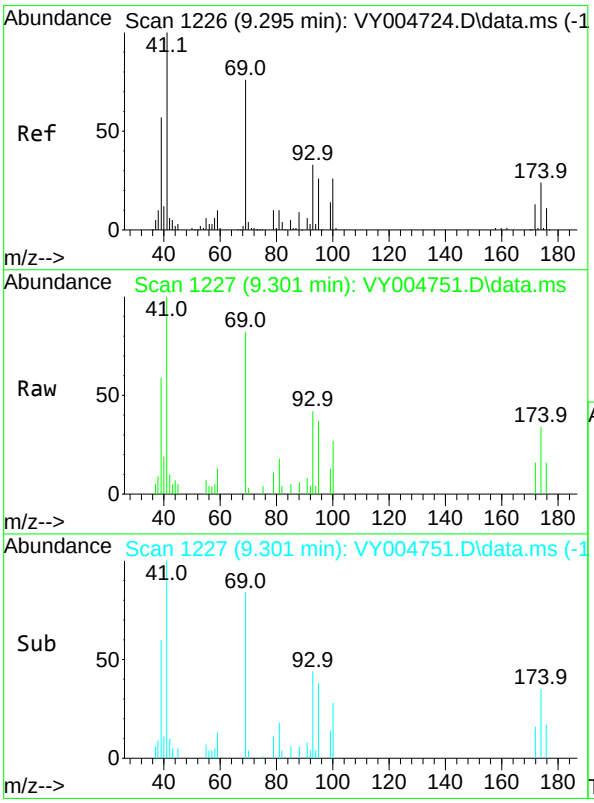


#47
Bromodichloromethane
Concen: 2.49 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 83 Resp: 7563

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.4	75.6
127	7.9	6.6	9.8

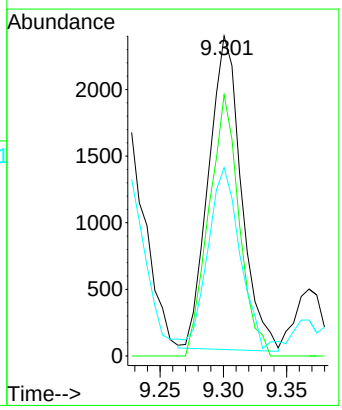




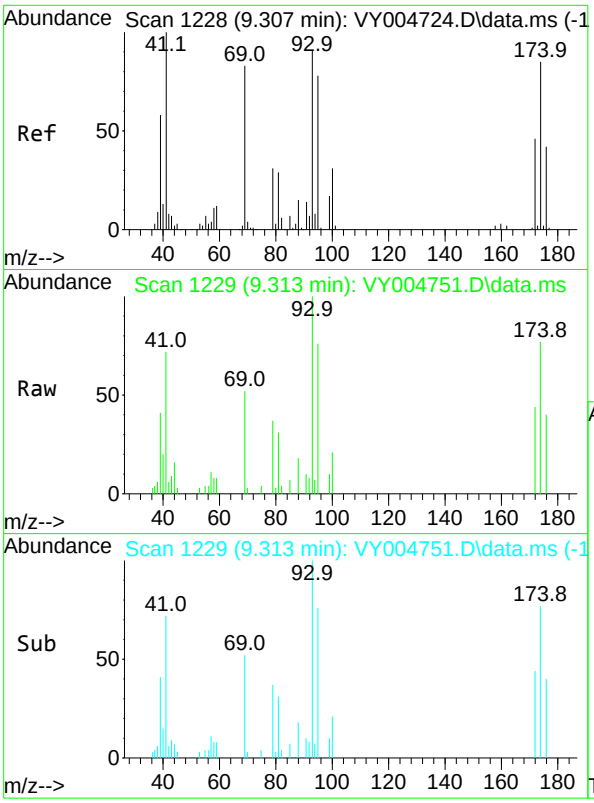
#48
Methyl methacrylate
Concen: 2.36 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 41 Resp: 4239

Ion	Ratio	Lower	Upper
41	100		
69	76.9	62.0	93.0
39	61.0	48.4	72.6



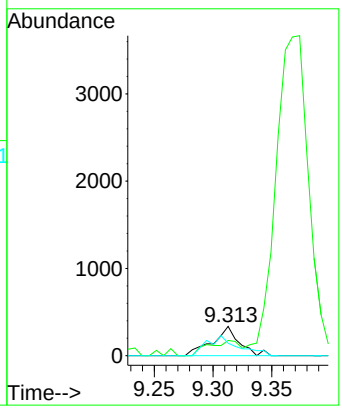
Instrument :
MSVOA_Y
ClientSampleId :

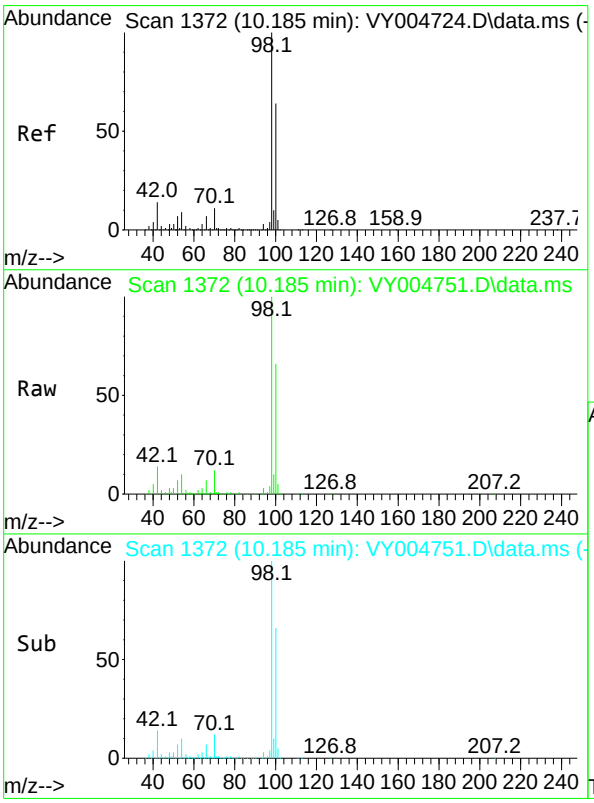


#49
1,4-Dioxane
Concen: 35.54 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 88 Resp: 535

Ion	Ratio	Lower	Upper
88	100		
43	59.8	32.1	48.1#
58	77.9	64.2	96.4

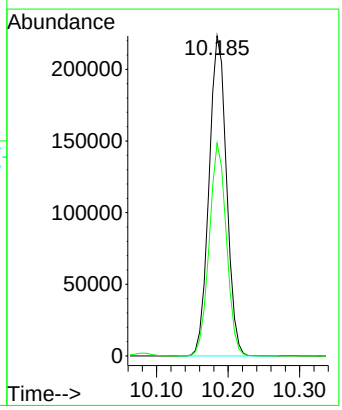


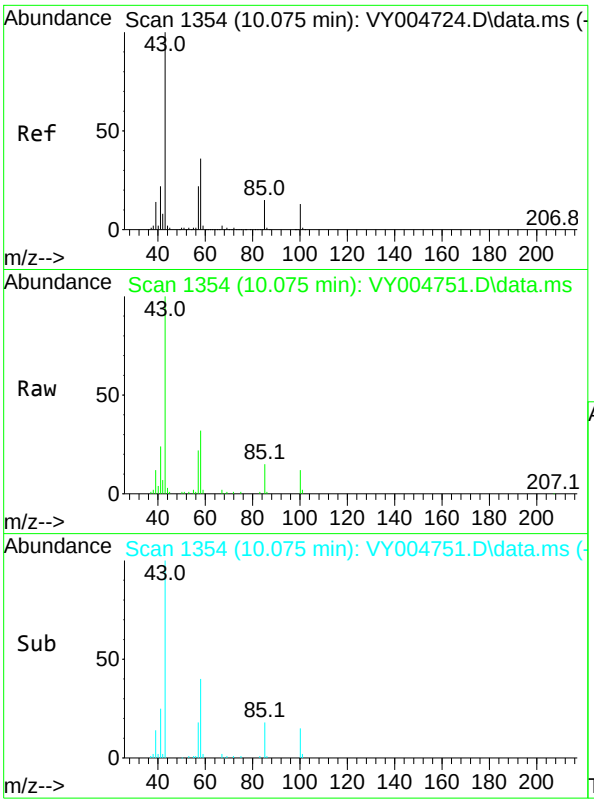


#50
Toluene-d8
Concen: 50.45 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 98 Resp: 378484

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.5	77.3

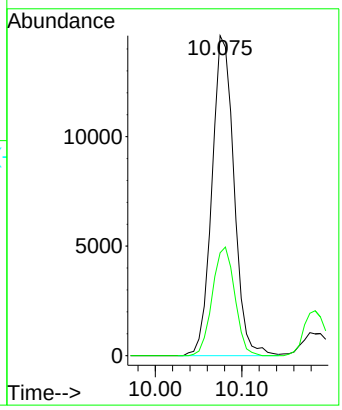




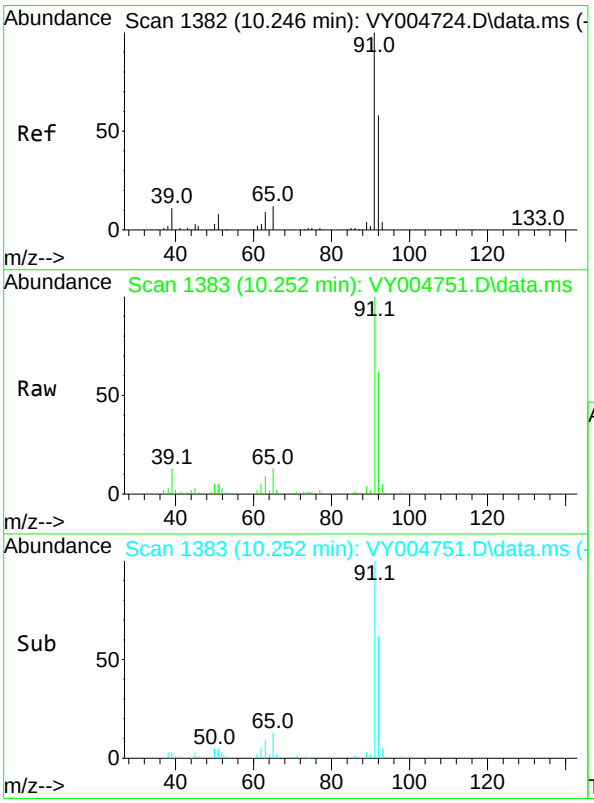
#51
4-Methyl-2-Pentanone
Concen: 12.13 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 25816

Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.7	43.1



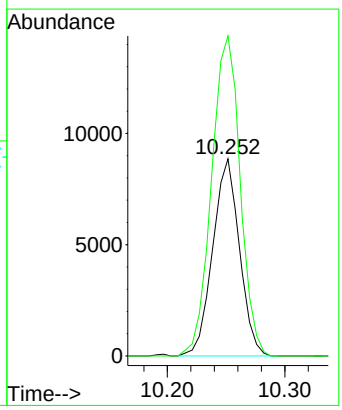
Instrument :
MSVOA_Y
ClientSampleId :

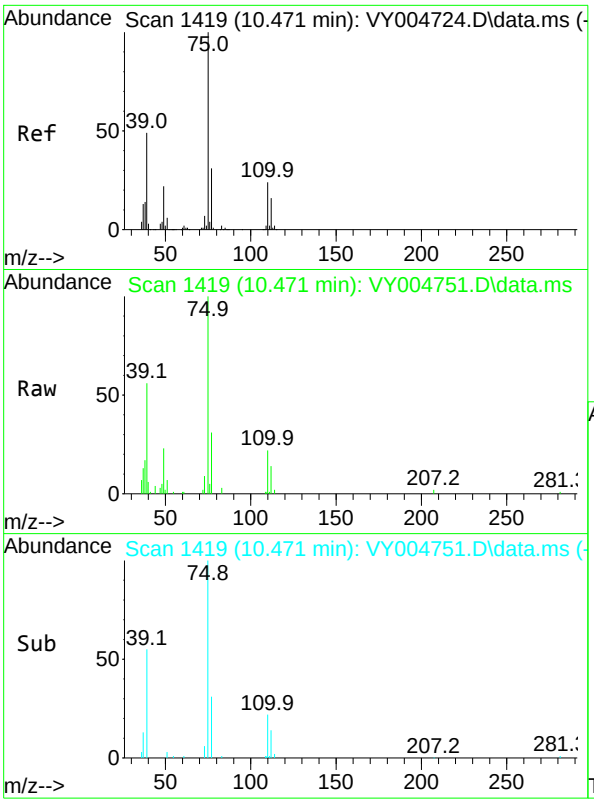


#52
Toluene
Concen: 2.52 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 92 Resp: 14001

Ion	Ratio	Lower	Upper
92	100		
91	173.4	138.2	207.4

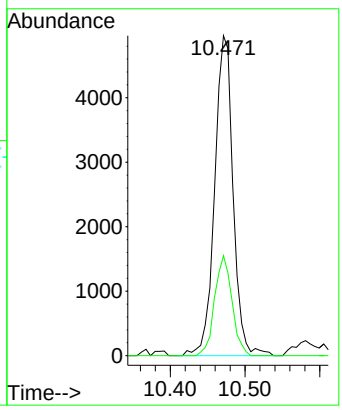




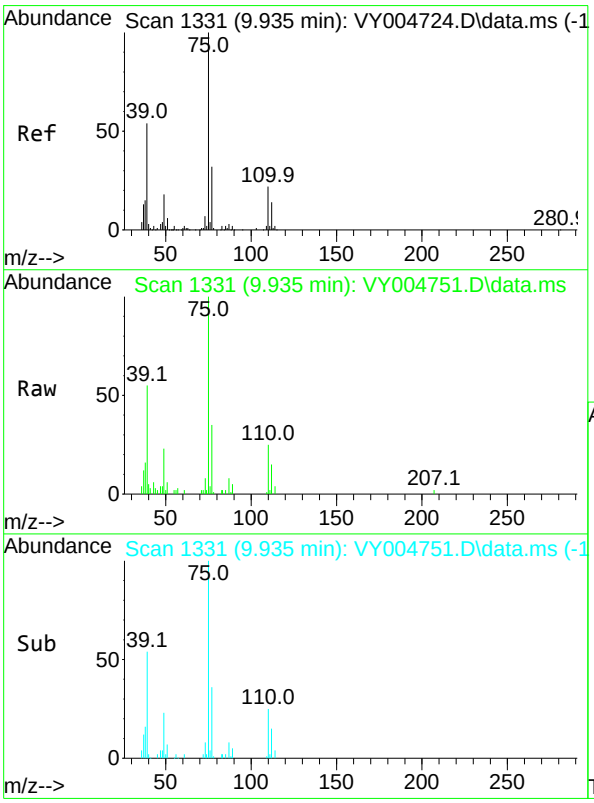
#53
t-1,3-Dichloropropene
Concen: 2.54 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 8531

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2



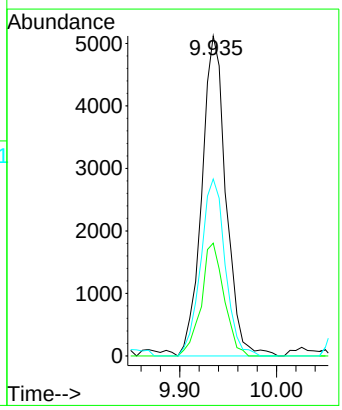
Instrument :
MSVOA_Y
ClientSampleId :



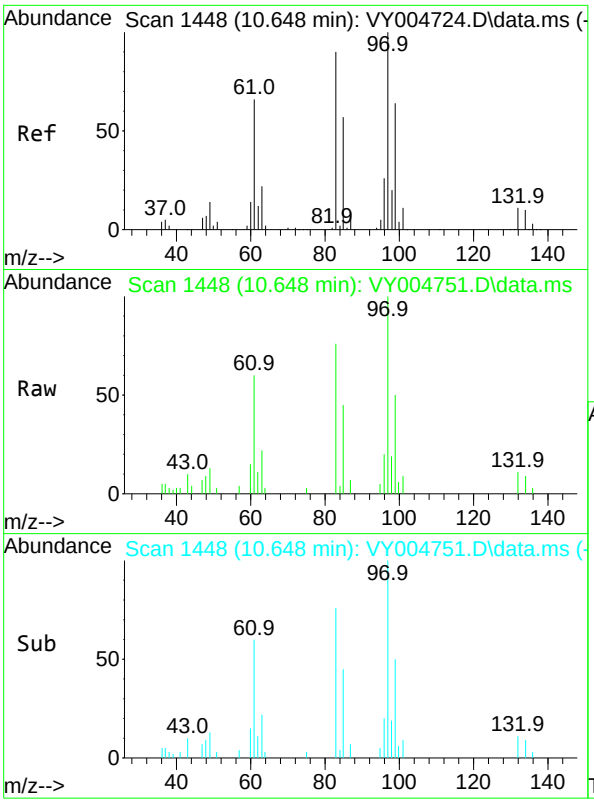
#54
cis-1,3-Dichloropropene
Concen: 2.38 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 8880

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.0
39	55.3	43.2	64.8



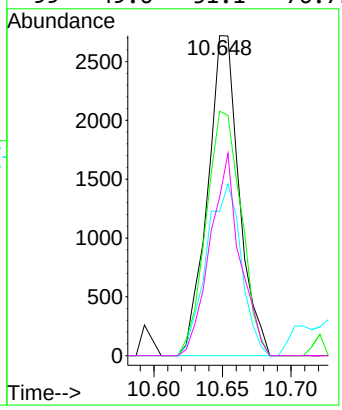
Instrument :
MSVOA_Y
ClientSampleId :

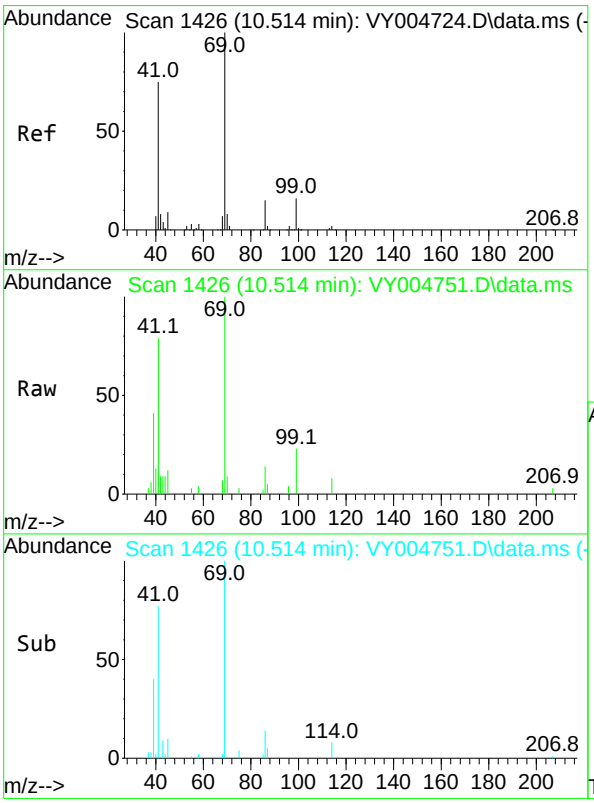


#55
1,1,2-Trichloroethane
Concen: 2.48 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 97 Resp: 4365

Ion	Ratio	Lower	Upper
97	100		
83	76.4	71.9	107.9
85	45.0	45.8	68.6#
99	49.6	51.1	76.7#

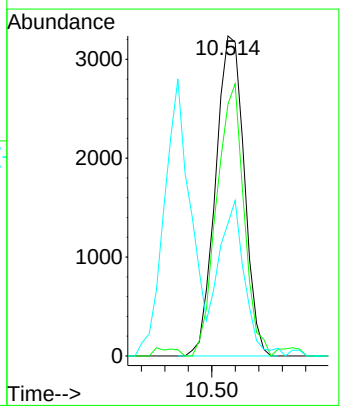




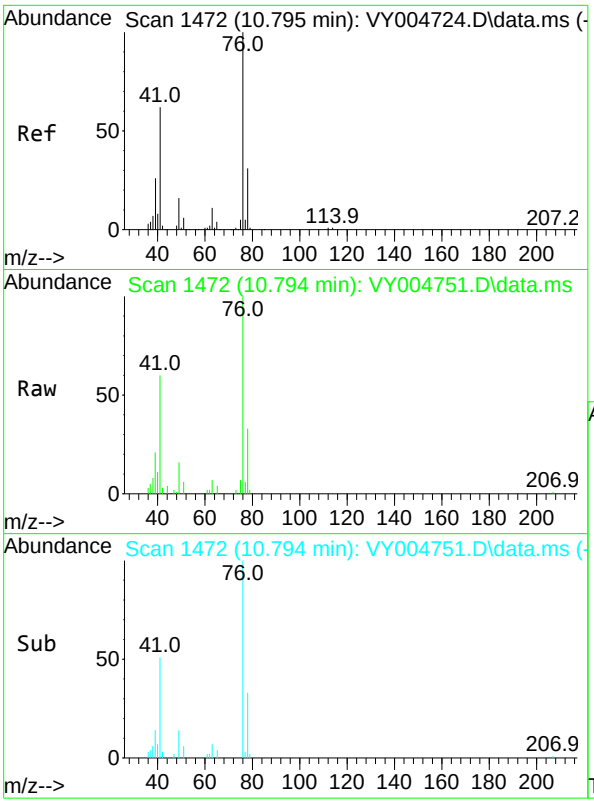
#56
Ethyl methacrylate
Concen: 2.15 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 69 Resp: 5478

Ion	Ratio	Lower	Upper
69	100		
41	80.8	60.2	90.4
39	43.2	33.5	50.3



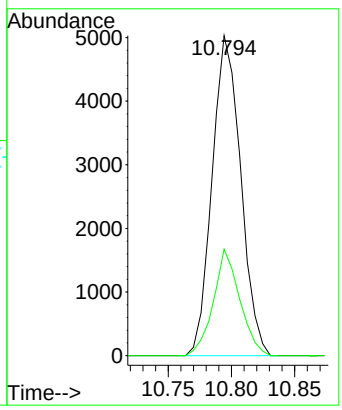
Instrument :
MSVOA_Y
ClientSampleId :

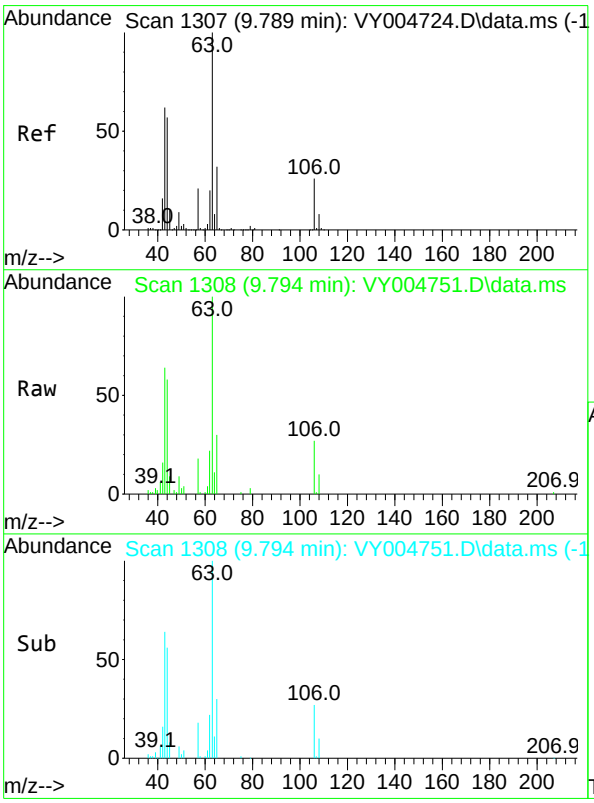


#57
1,3-Dichloropropane
Concen: 2.52 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 76 Resp: 7898

Ion	Ratio	Lower	Upper
76	100		
78	30.7	25.5	38.3

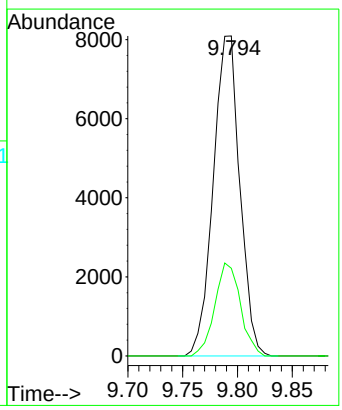




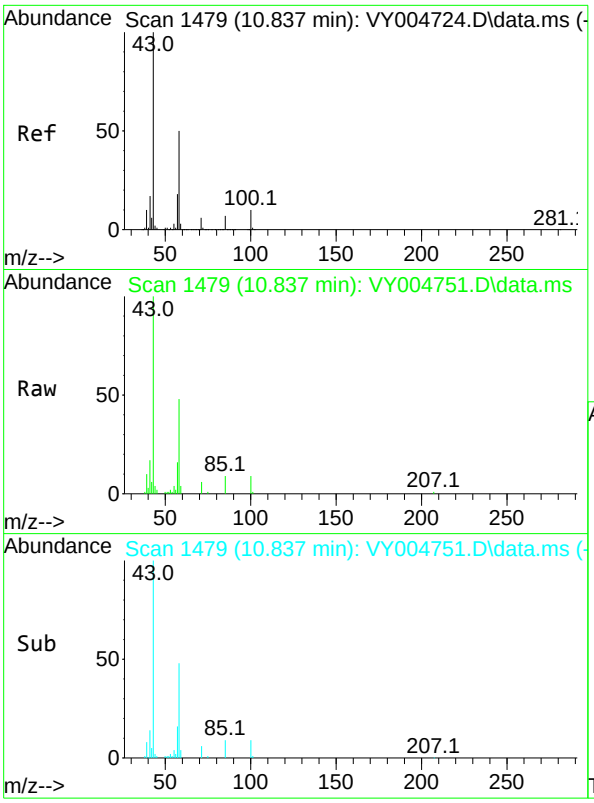
#58
2-Chloroethyl Vinyl ether
Concen: 10.38 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 63 Resp: 13630

Ion	Ratio	Lower	Upper
63	100		
106	28.0	20.9	31.3



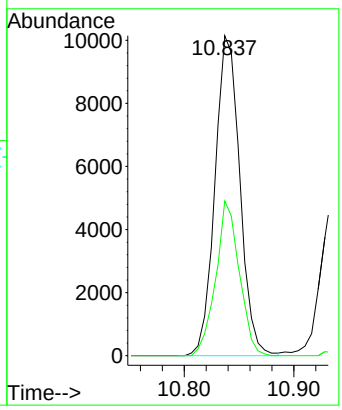
Instrument :
MSVOA_Y
ClientSampleId :

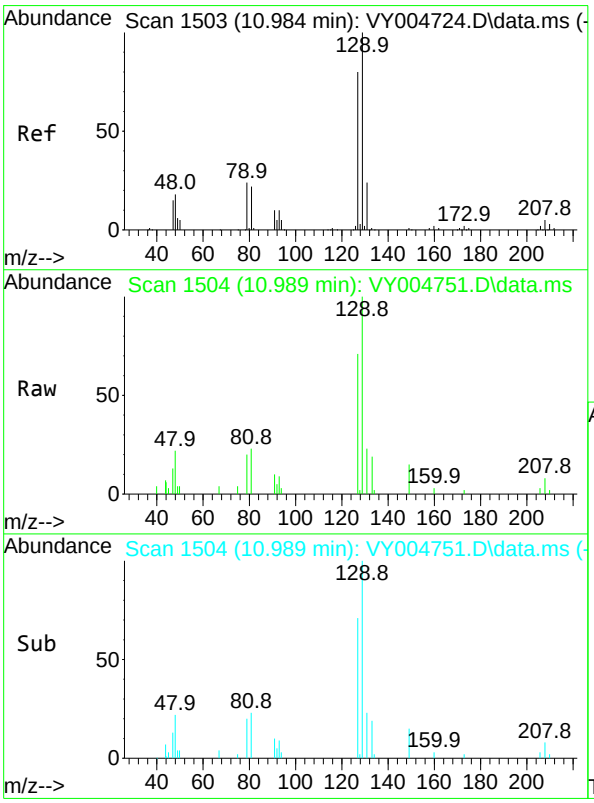


#59
2-Hexanone
Concen: 11.09 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 15996

Ion	Ratio	Lower	Upper
43	100		
58	45.7	24.9	74.8

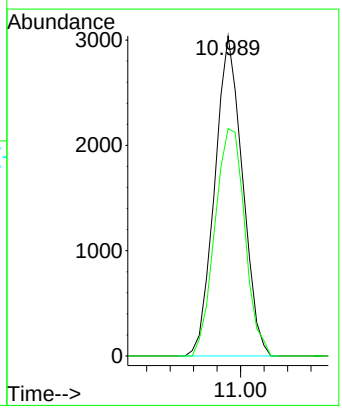




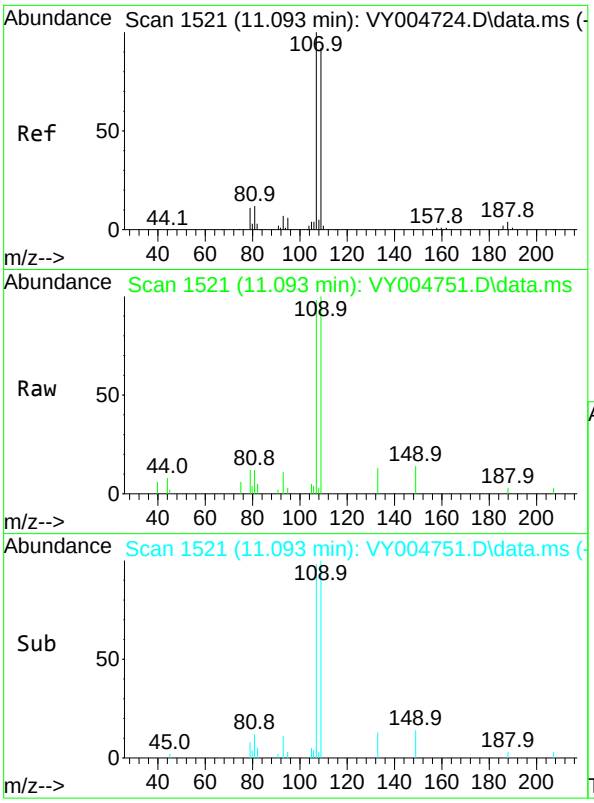
#60
Dibromochloromethane
Concen: 2.38 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:129 Resp: 4973

Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.4	118.1



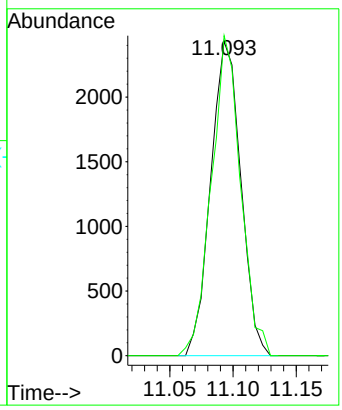
Instrument :
MSVOA_Y
ClientSampleId :

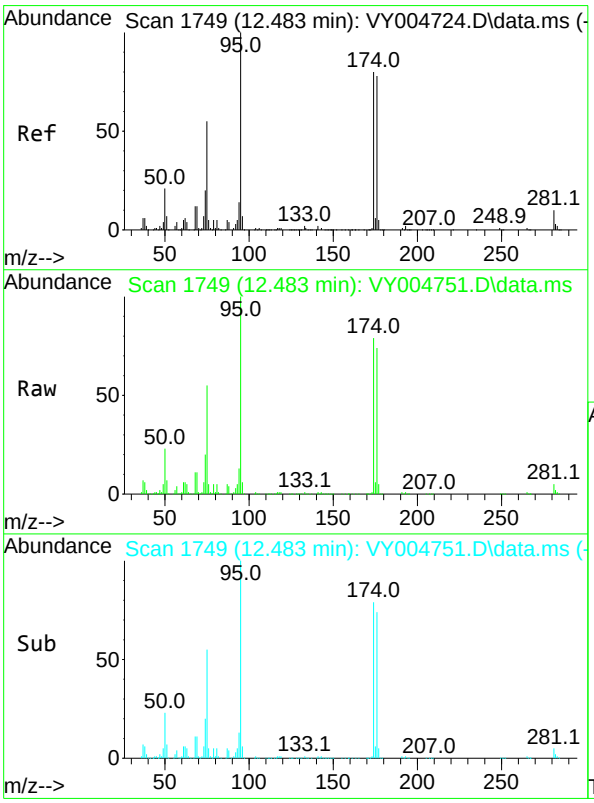


#61
1,2-Dibromoethane
Concen: 2.37 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:107 Resp: 4014

Ion	Ratio	Lower	Upper
107	100		
109	99.0	73.8	110.6

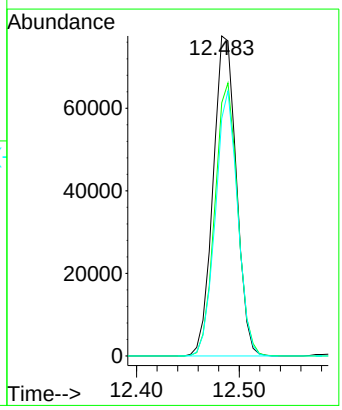




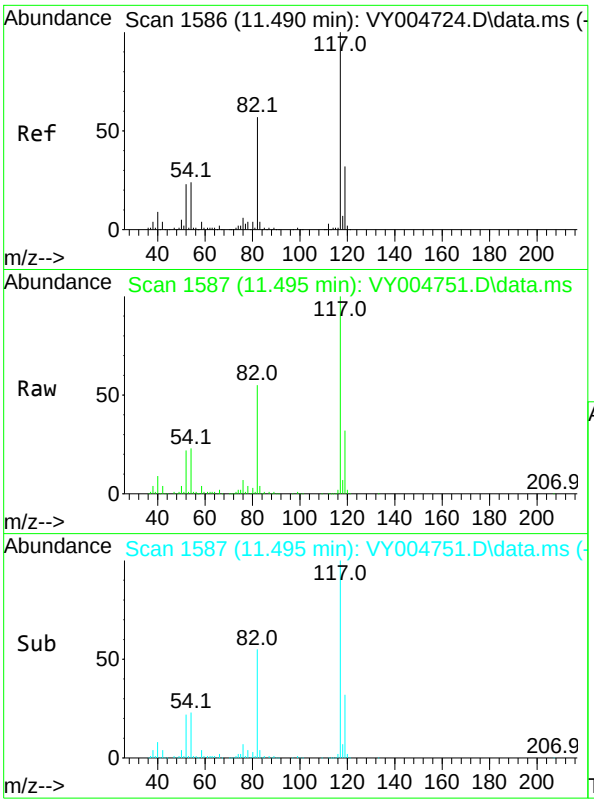
#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 95 Resp: 121390

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	164.2
176	79.4	0.0	159.0



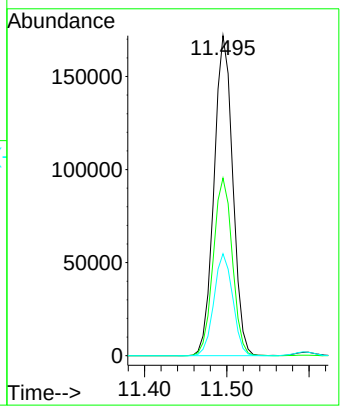
Instrument :
MSVOA_Y
ClientSampleId :

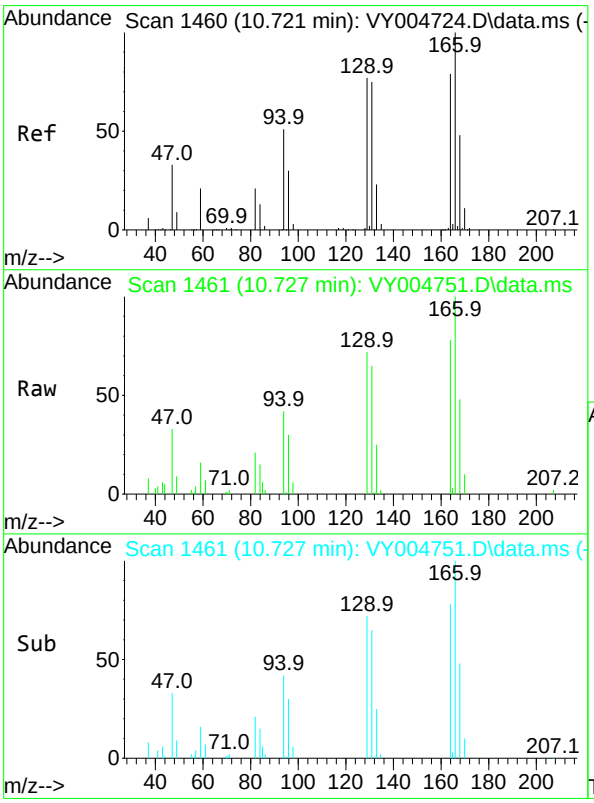


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:117 Resp: 272443

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.2
119	31.9	25.8	38.6

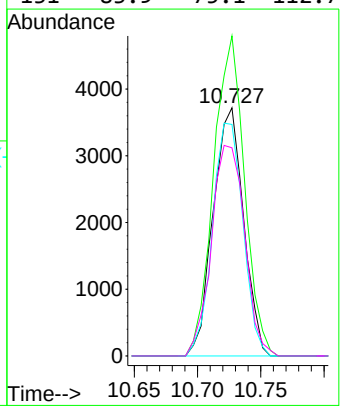




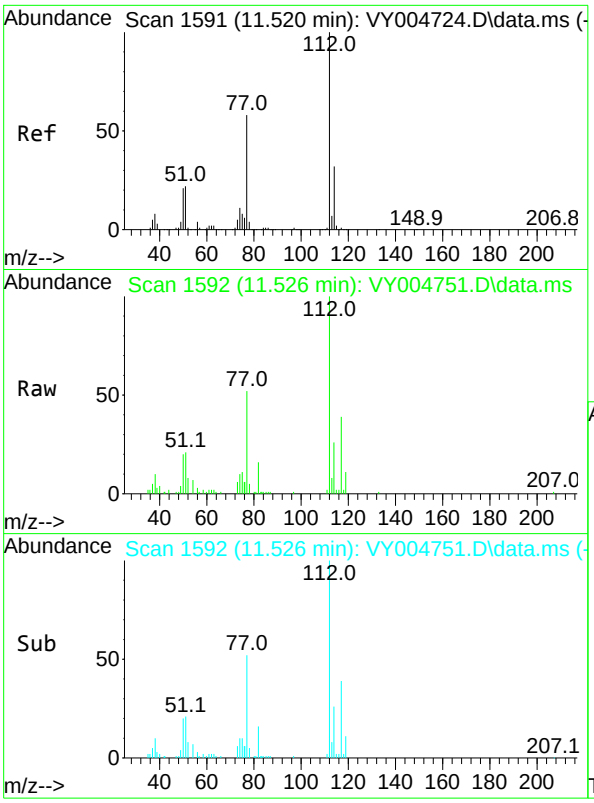
#64
Tetrachloroethene
Concen: 2.52 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:164 Resp: 6212

Ion	Ratio	Lower	Upper
164	100		
166	129.0	100.8	151.2
129	93.3	77.5	116.3
131	83.9	75.1	112.7



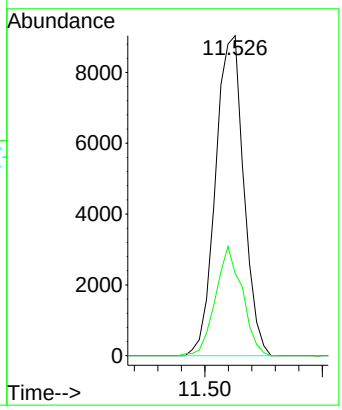
Instrument :
MSVOA_Y
ClientSampleId :

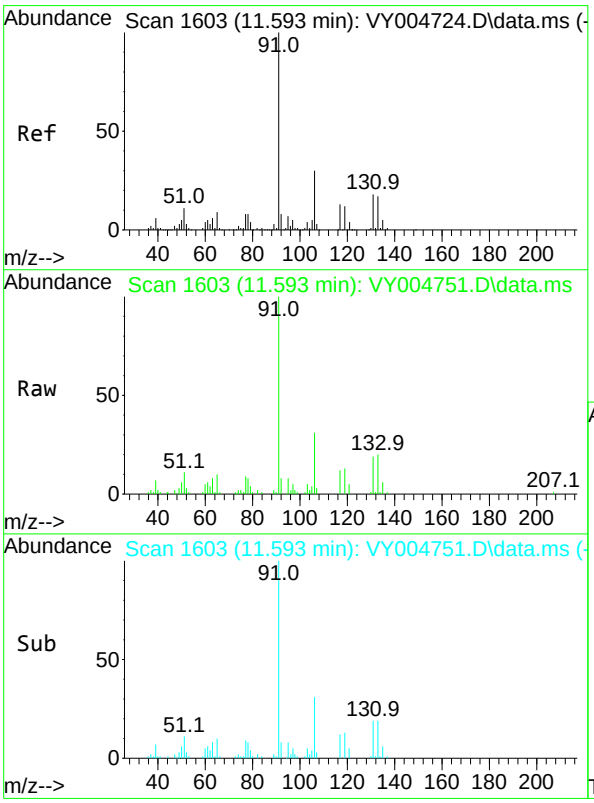


#65
Chlorobenzene
Concen: 2.68 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:112 Resp: 15041

Ion	Ratio	Lower	Upper
112	100		
114	25.8	25.4	38.2

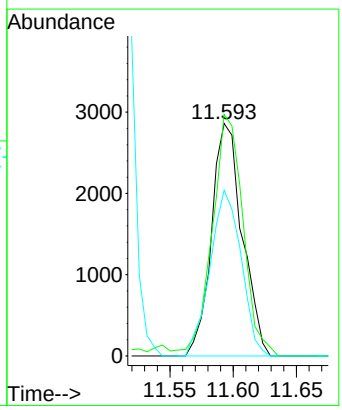




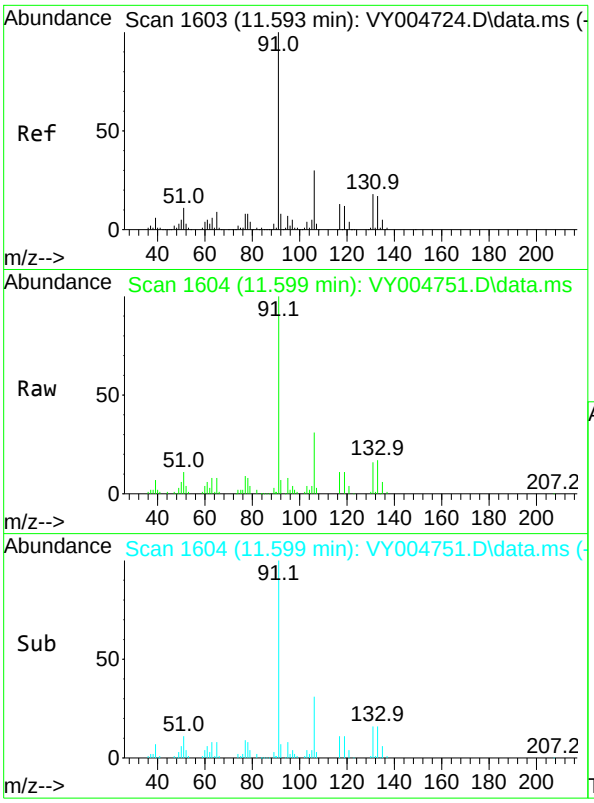
#66
1,1,1,2-Tetrachloroethane
Concen: 2.37 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:131 Resp: 4830

Ion	Ratio	Lower	Upper
131	100		
133	104.1	47.9	143.7
119	72.2	32.8	98.4



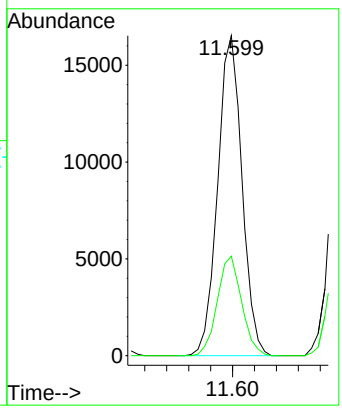
Instrument :
MSVOA_Y
ClientSampleId :

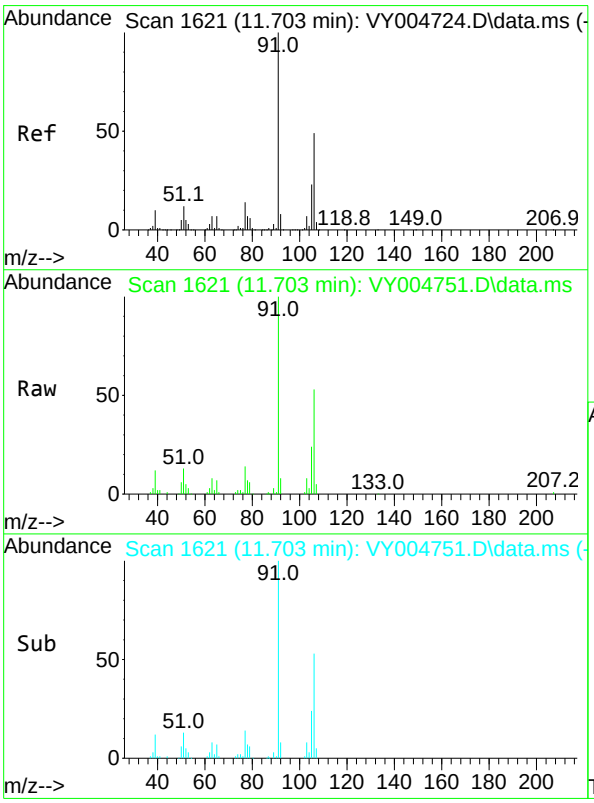


#67
Ethyl Benzene
Concen: 2.44 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 91 Resp: 25434

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.0	36.0

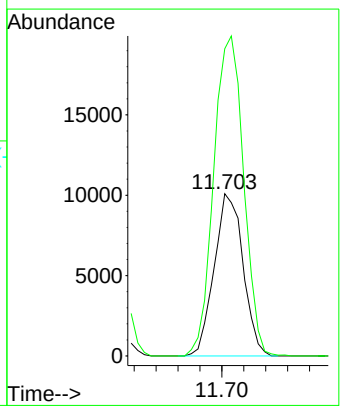




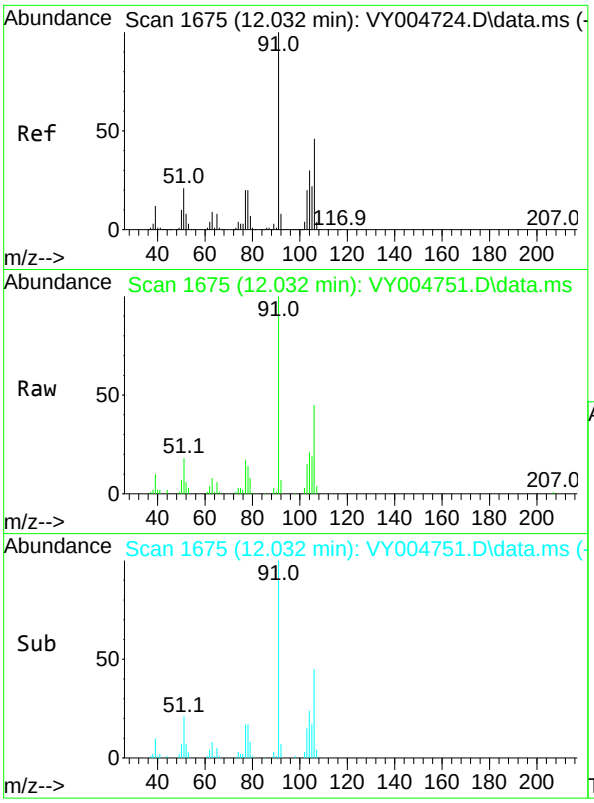
#68
m/p-Xylenes
Concen: 4.71 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:106 Resp: 18435

Ion	Ratio	Lower	Upper
106	100		
91	204.5	163.6	245.4



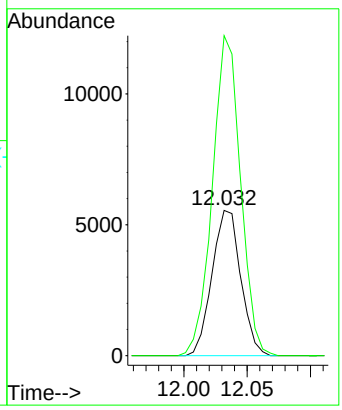
Instrument :
MSVOA_Y
ClientSampleId :

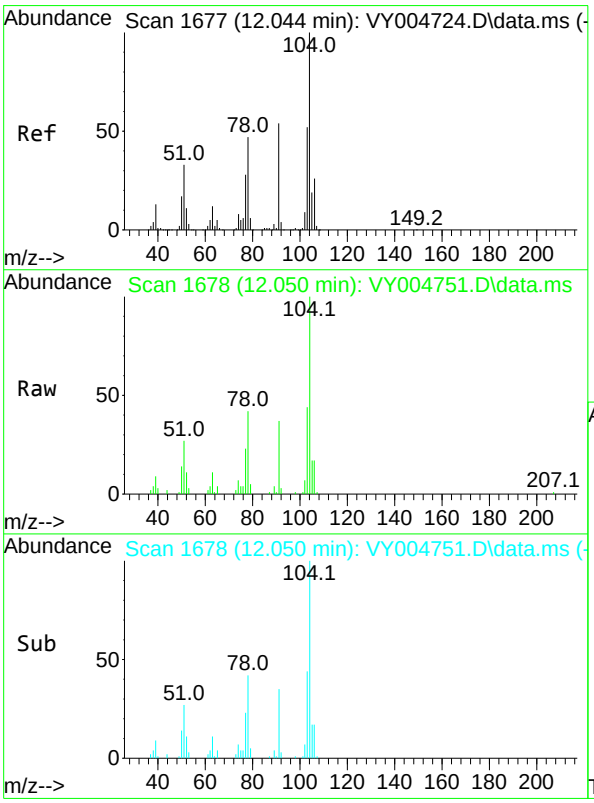


#69
o-Xylene
Concen: 2.39 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:106 Resp: 8757

Ion	Ratio	Lower	Upper
106	100		
91	215.9	108.9	326.7

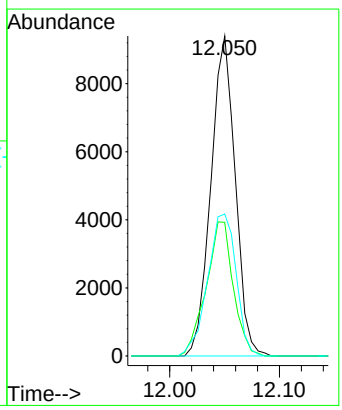


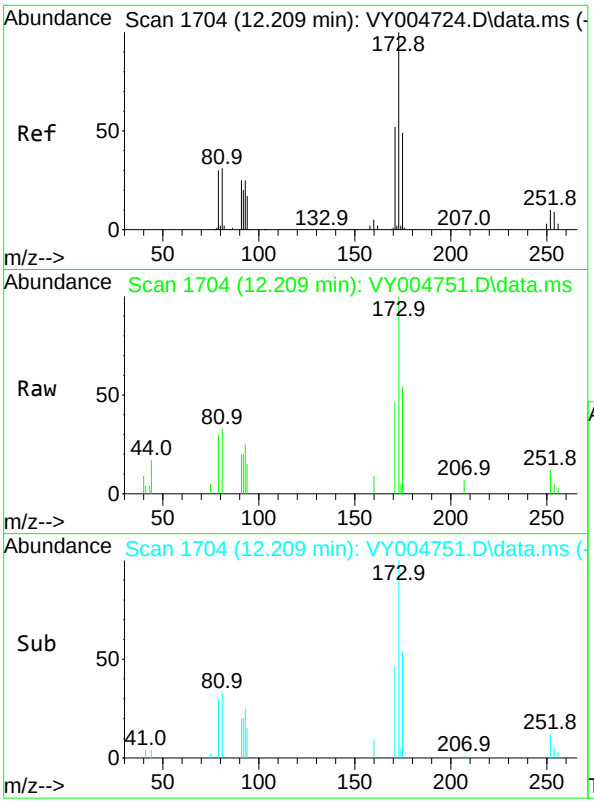


#70
Styrene
Concen: 2.36 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:104 Resp: 14504

Ion	Ratio	Lower	Upper
104	100		
78	46.8	40.3	60.5
103	52.0	44.2	66.4

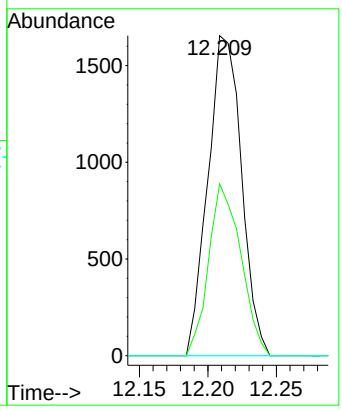




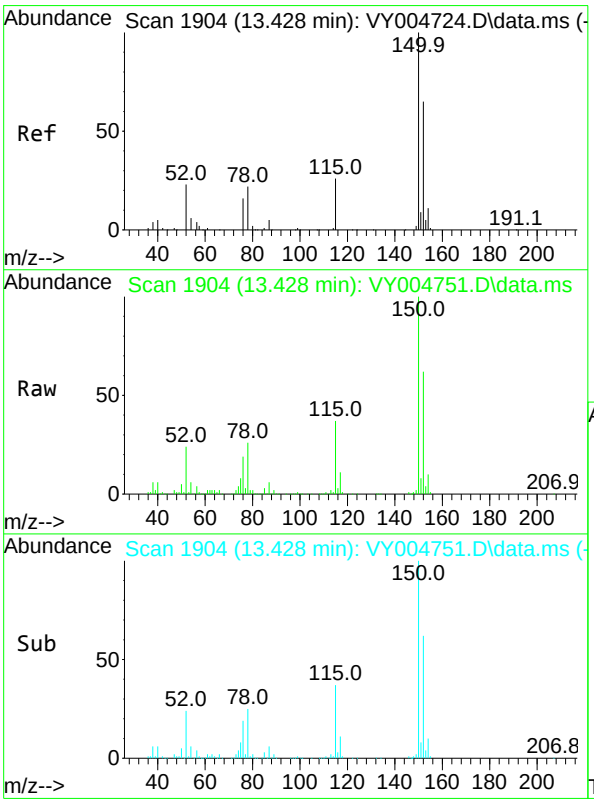
#71
Bromoform
Concen: 2.28 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:173 Resp: 2821

Ion	Ratio	Lower	Upper
173	100		
175	51.5	24.1	72.2
254	0.0	0.0	0.0



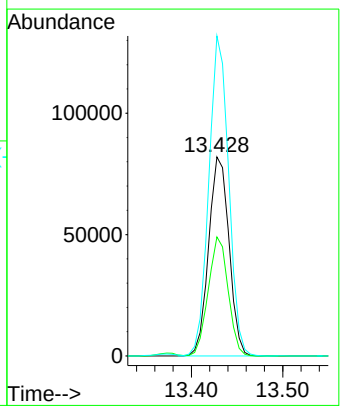
Instrument :
MSVOA_Y
ClientSampleId :

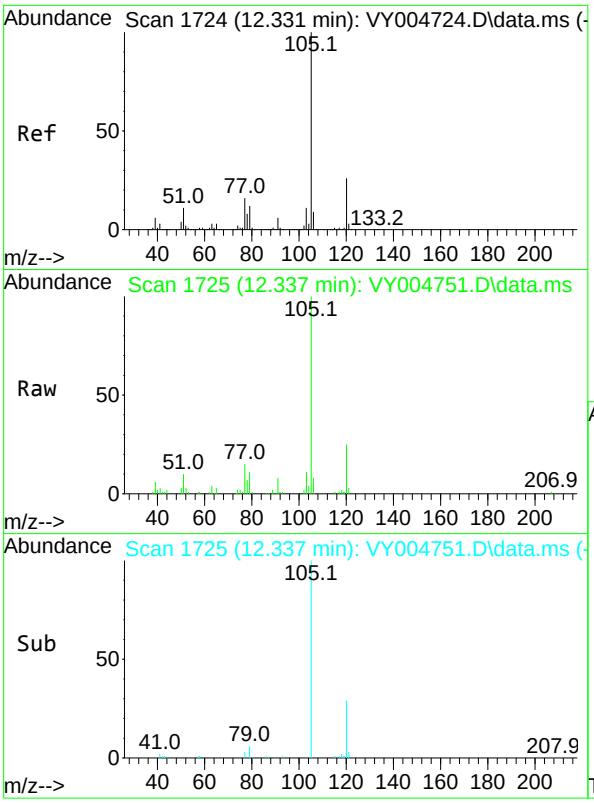


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:152 Resp: 126814

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.4	88.3
150	156.4	0.0	349.8

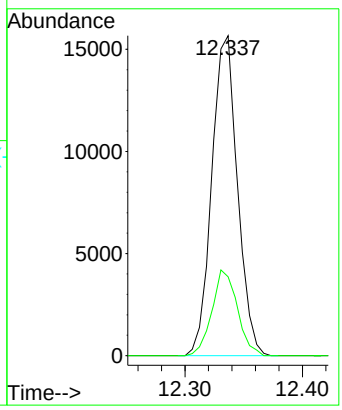




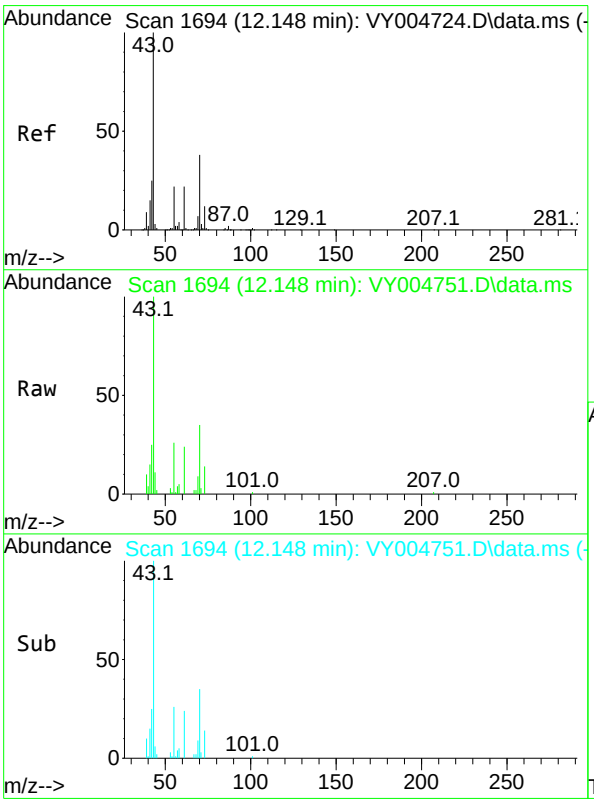
#73
Isopropylbenzene
Concen: 2.49 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:105 Resp: 23783

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.1



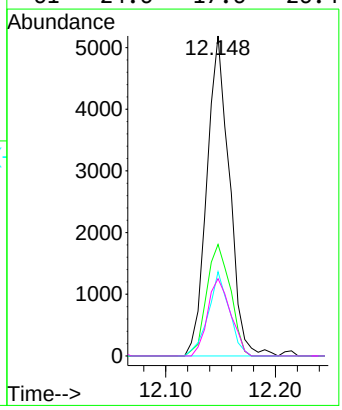
Instrument :
MSVOA_Y
ClientSampleId :



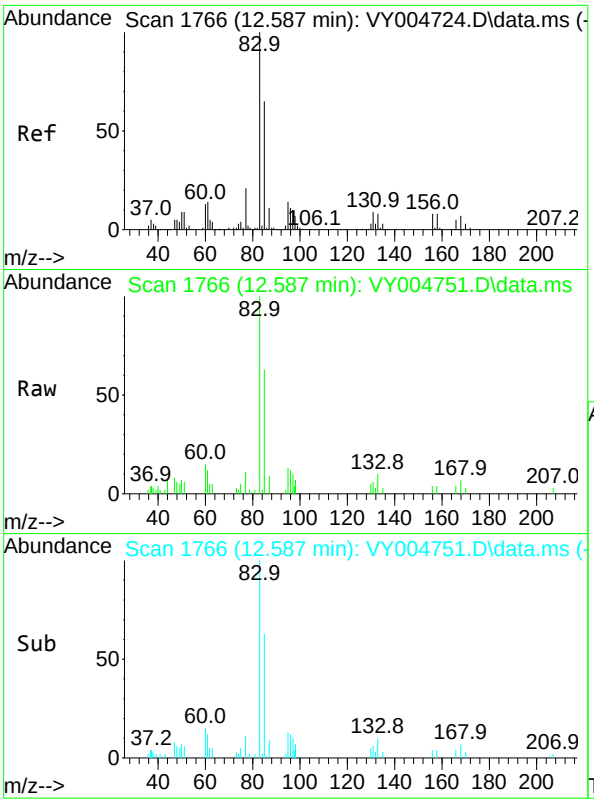
#74
N-amyl acetate
Concen: 2.19 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 7415

Ion	Ratio	Lower	Upper
43	100		
70	36.6	30.2	45.2
55	24.5	17.8	26.8
61	24.6	17.6	26.4



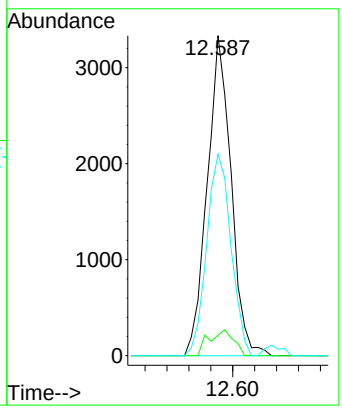
Instrument :
MSVOA_Y
ClientSampleId :

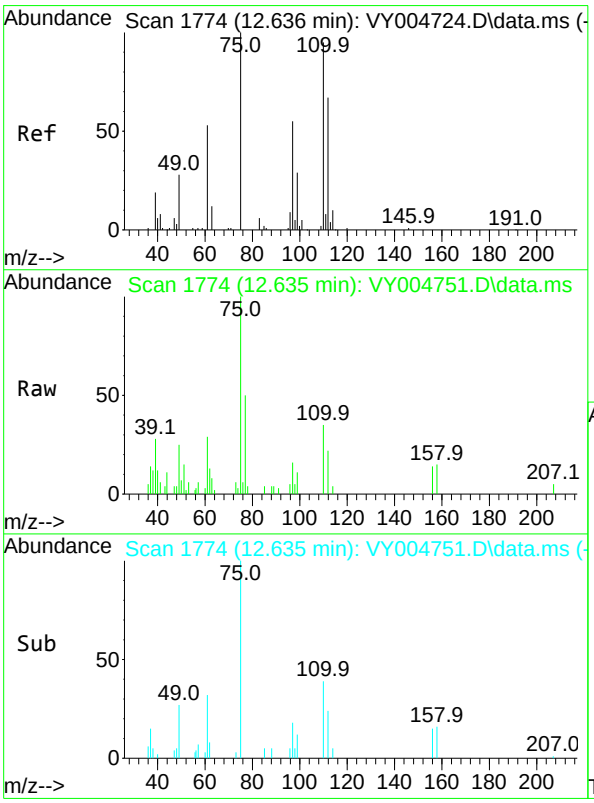


#75
1,1,2,2-Tetrachloroethane
Concen: 2.64 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 83 Resp: 5032

Ion	Ratio	Lower	Upper
83	100		
131	8.4	5.0	14.9
85	64.2	32.1	96.5

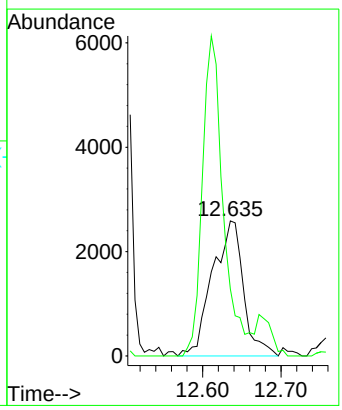




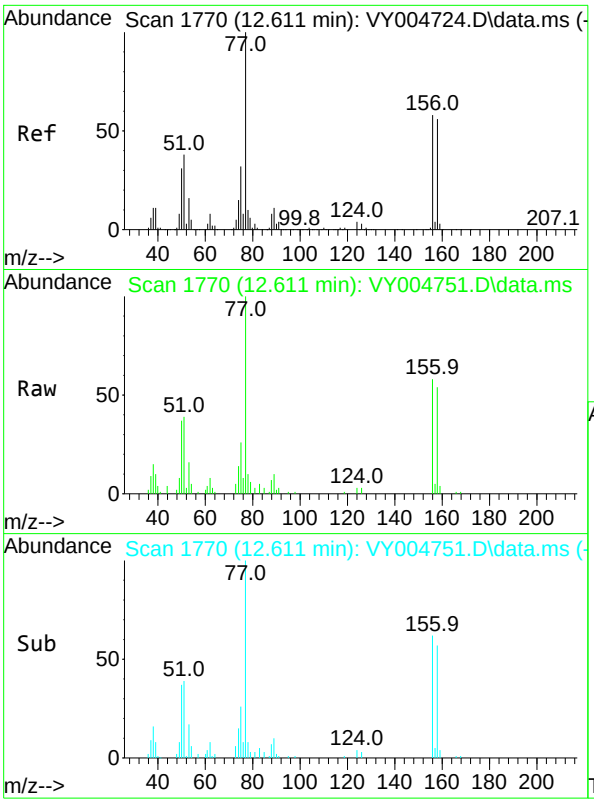
#76
1,2,3-Trichloropropane
Concen: 5.29 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 7122

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



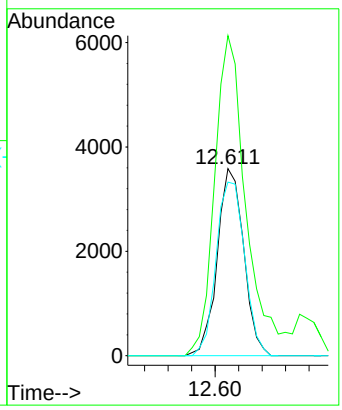
Instrument :
MSVOA_Y
ClientSampleId :

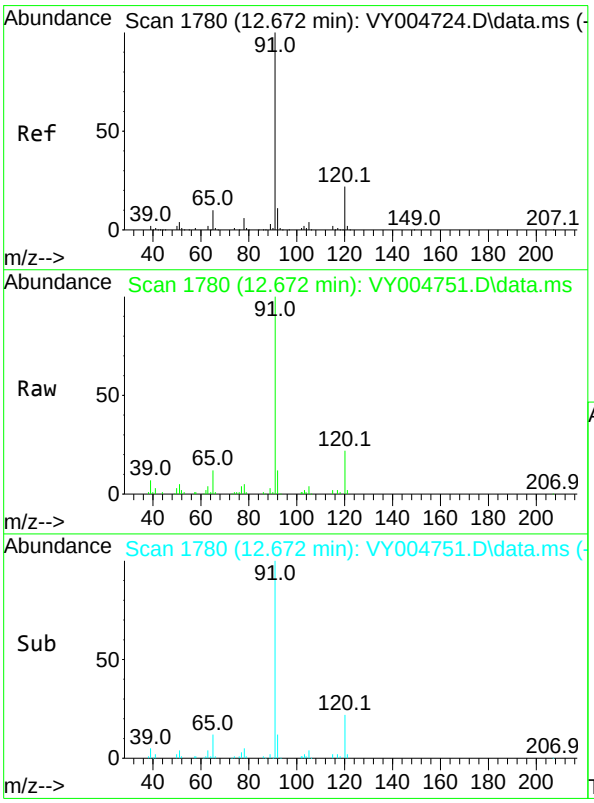


#77
Bromobenzene
Concen: 2.60 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:156 Resp: 5607

Ion	Ratio	Lower	Upper
156	100		
77	204.8	100.6	301.9
158	100.1	48.8	146.3

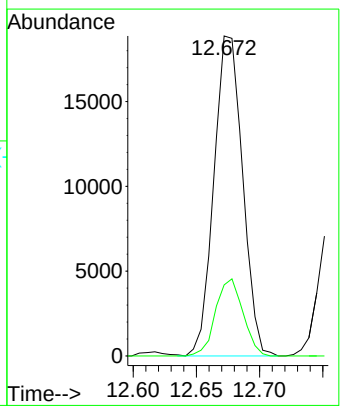




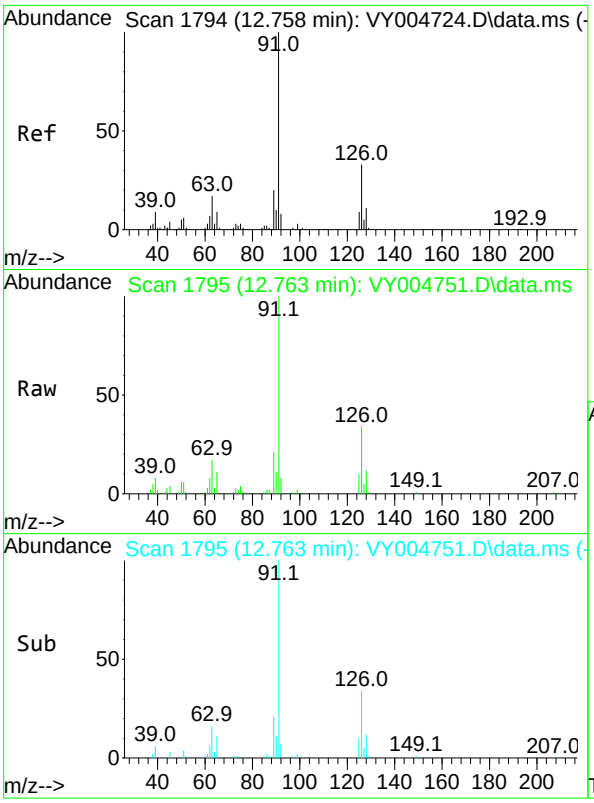
#78
n-propylbenzene
Concen: 2.55 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 91 Resp: 29766

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.1	33.3



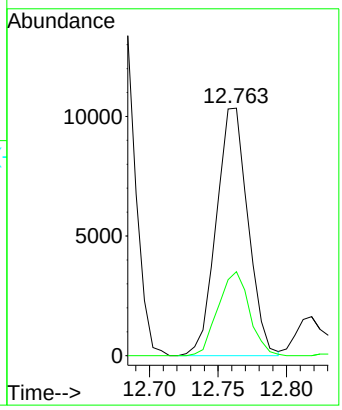
Instrument :
MSVOA_Y
ClientSampleId :

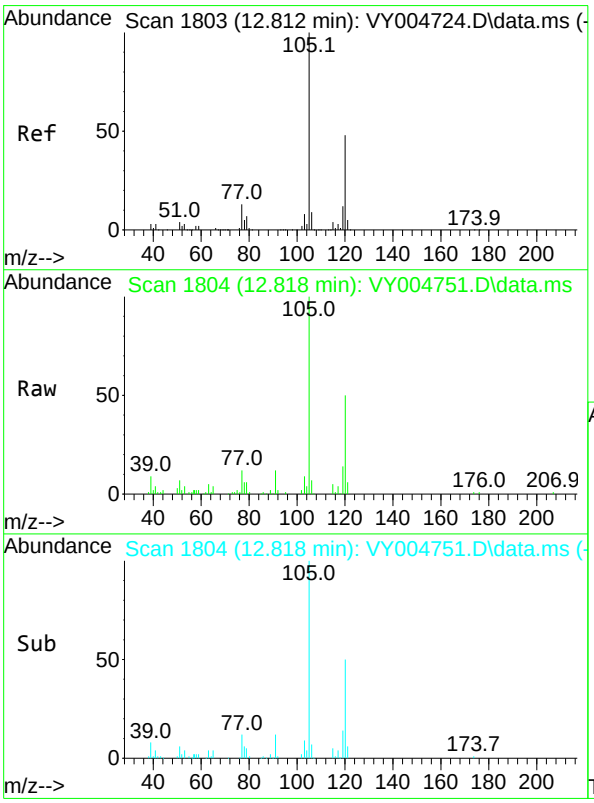


#79
2-Chlorotoluene
Concen: 2.60 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 91 Resp: 16677

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.3

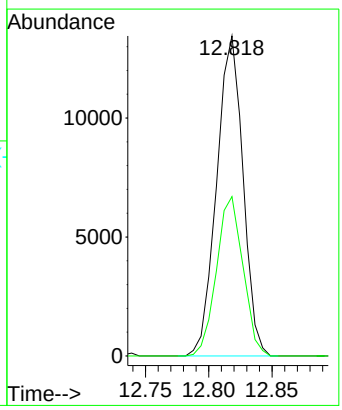




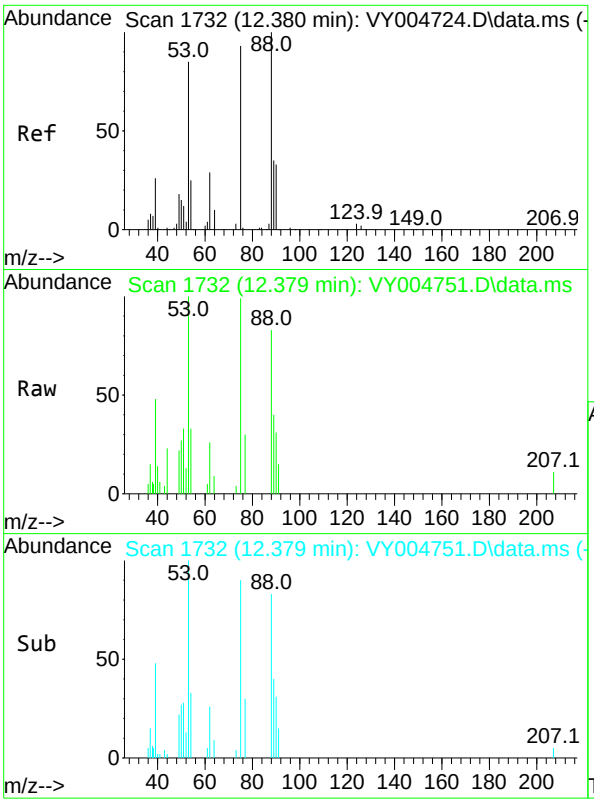
#80
1,3,5-Trimethylbenzene
Concen: 2.45 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:105 Resp: 19469

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.0	72.0



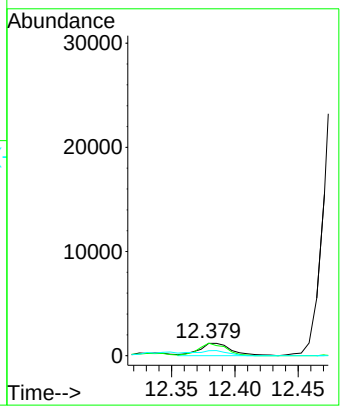
Instrument :
MSVOA_Y
ClientSampleId :

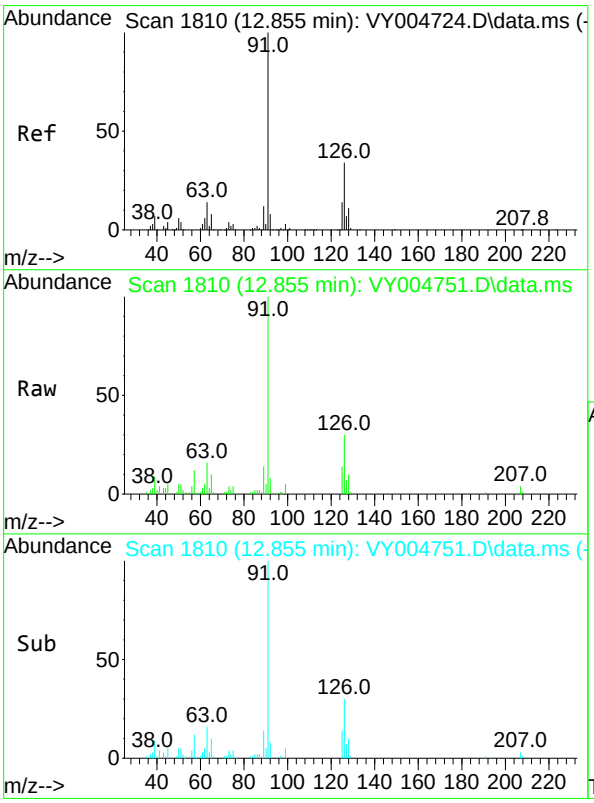


#81
trans-1,4-Dichloro-2-butene
Concen: 2.71 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 2107

Ion	Ratio	Lower	Upper
75	100		
53	84.2	73.9	110.9
89	37.5	35.5	53.3

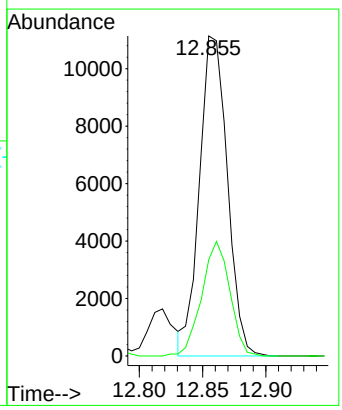




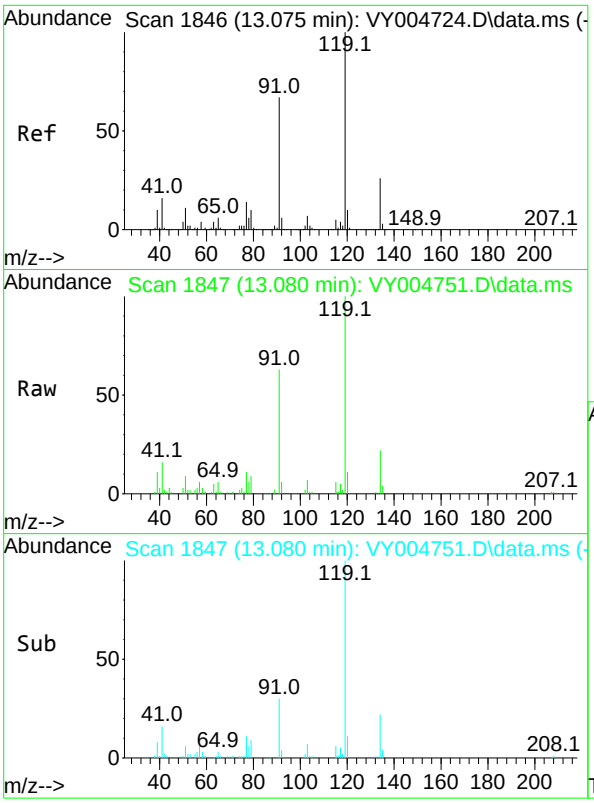
#82
4-Chlorotoluene
Concen: 2.57 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 91 Resp: 17092

Ion	Ratio	Lower	Upper
91	100		
126	36.1	16.8	50.3



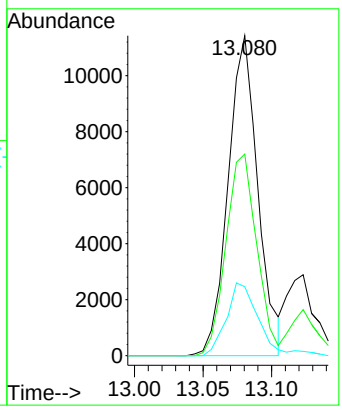
Instrument :
MSVOA_Y
ClientSampleId :

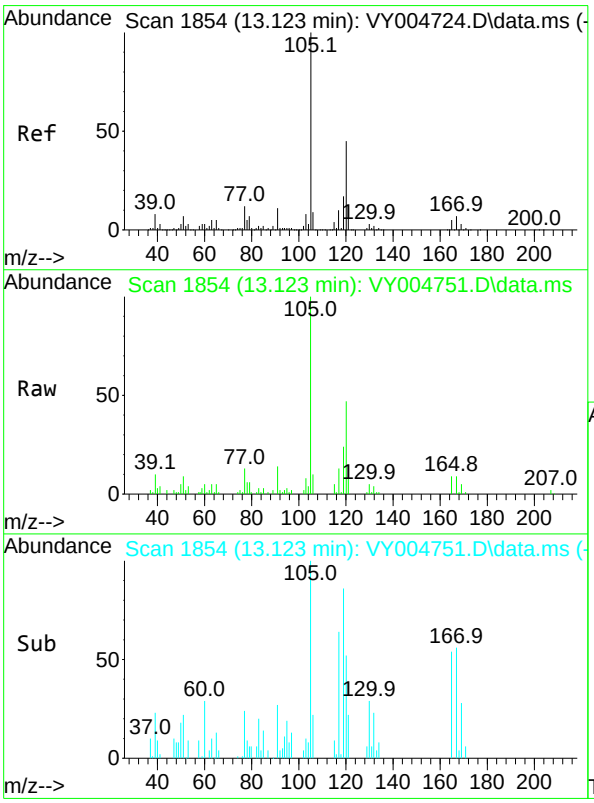


#83
tert-Butylbenzene
Concen: 2.54 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:119 Resp: 17223

Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.3	96.8
134	24.8	12.9	38.7

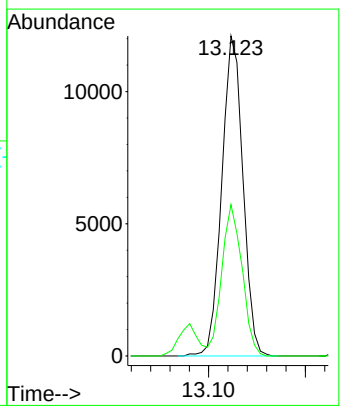




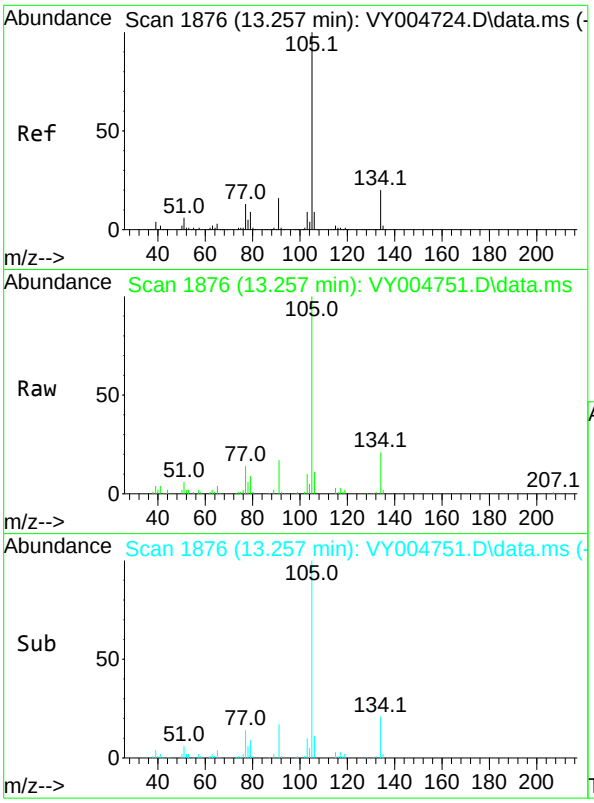
#84
1,2,4-Trimethylbenzene
Concen: 2.31 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:105 Resp: 18345

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5



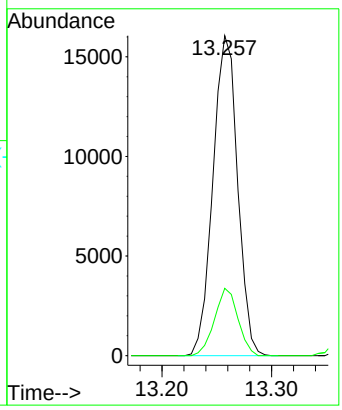
Instrument :
MSVOA_Y
ClientSampleId :

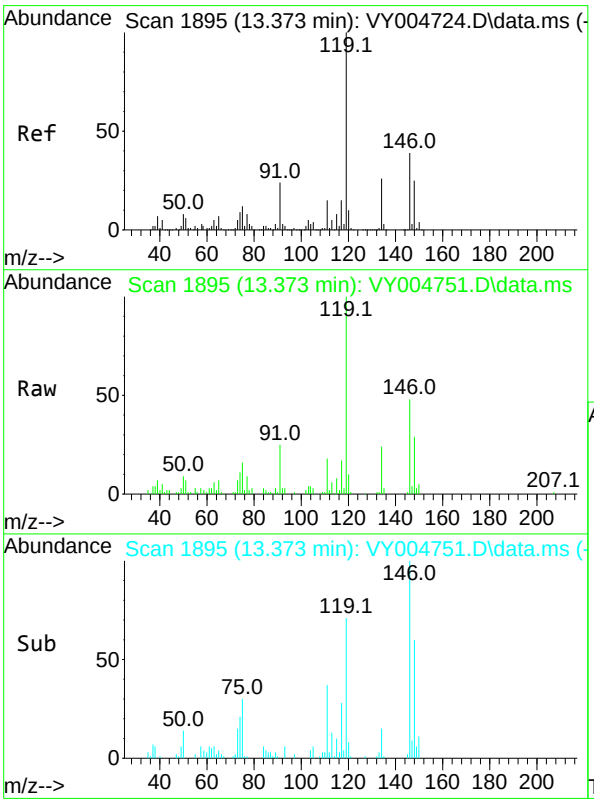


#85
sec-Butylbenzene
Concen: 2.55 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:105 Resp: 25100

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	29.8

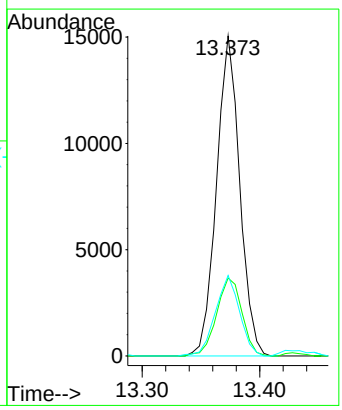




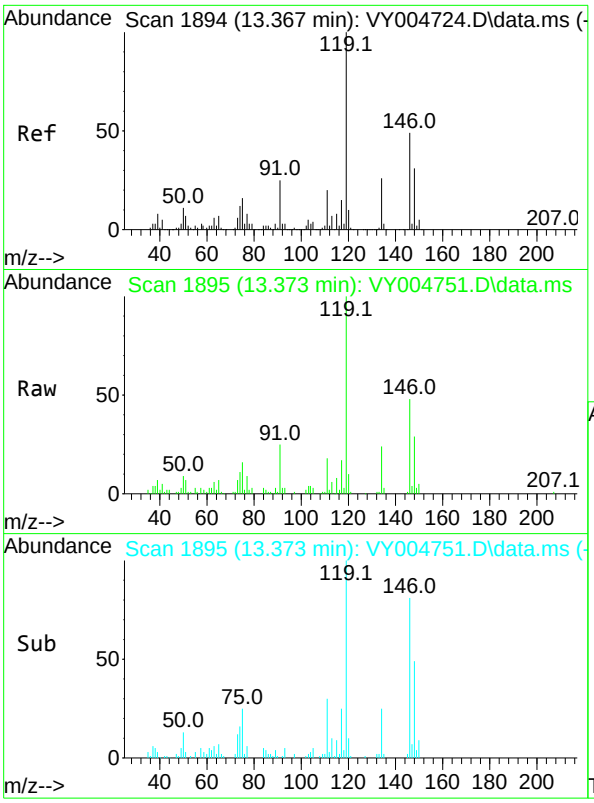
#86
p-Isopropyltoluene
Concen: 2.42 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:119 Resp: 20685

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	26.2	12.0	36.1



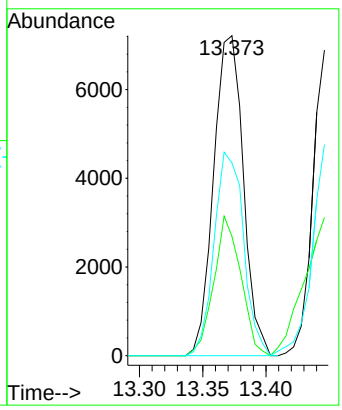
Instrument :
MSVOA_Y
ClientSampleId :

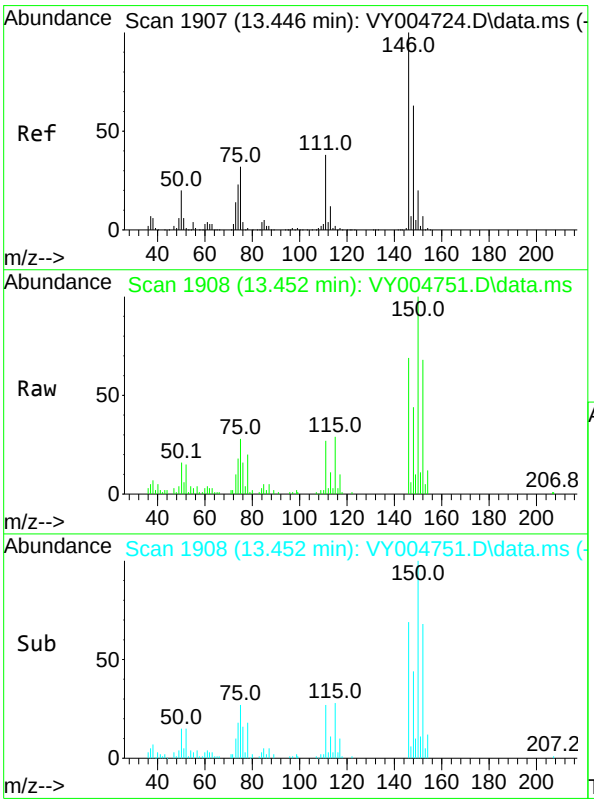


#87
1,3-Dichlorobenzene
Concen: 2.78 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:146 Resp: 11762

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	63.2	31.9	95.7

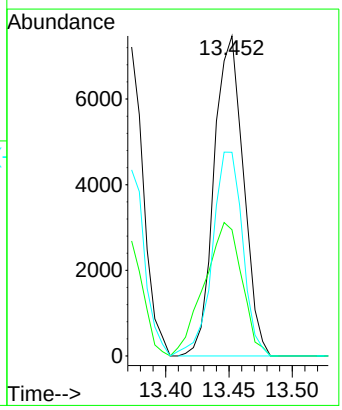




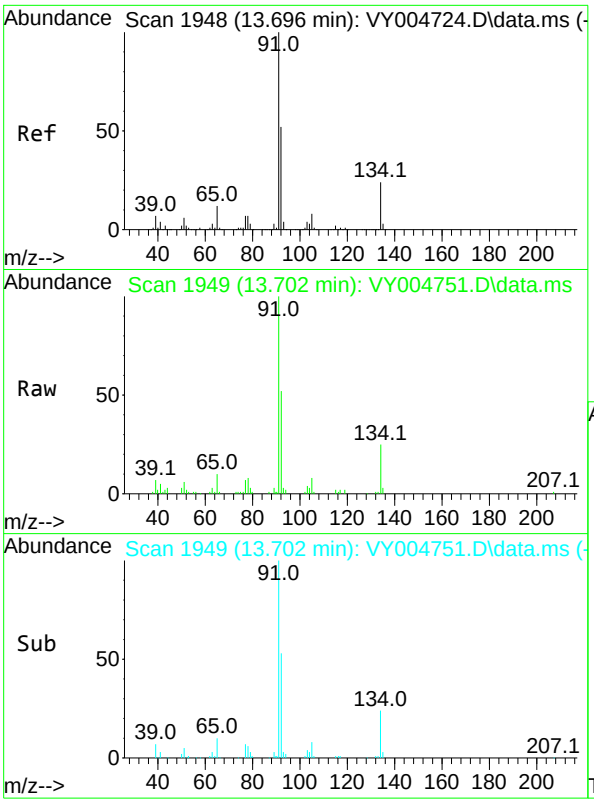
#88
1,4-Dichlorobenzene
Concen: 2.88 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:146 Resp: 12040

Ion	Ratio	Lower	Upper
146	100		
111	53.5	19.6	58.8
148	65.8	31.9	95.5



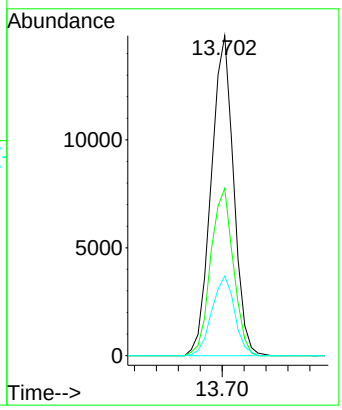
Instrument :
MSVOA_Y
ClientSampleId :

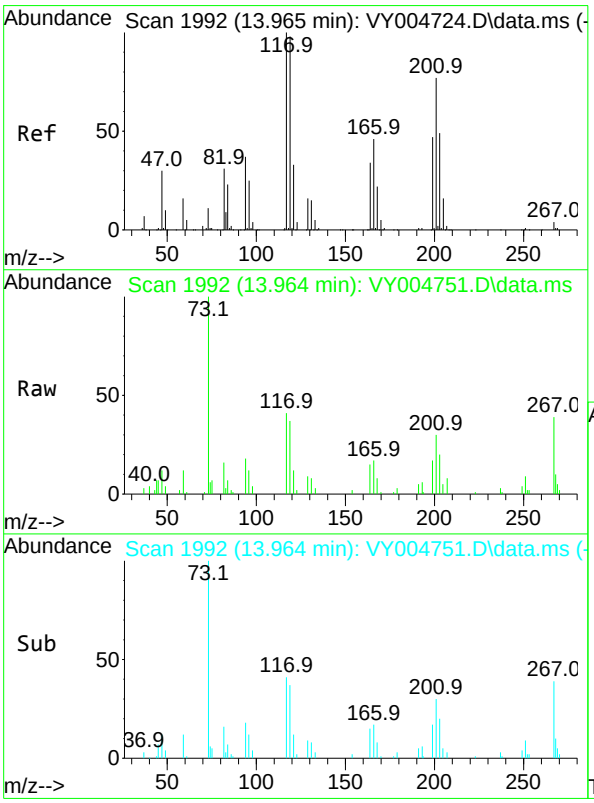


#89
n-Butylbenzene
Concen: 2.52 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 91 Resp: 21055

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.3	12.6	37.6

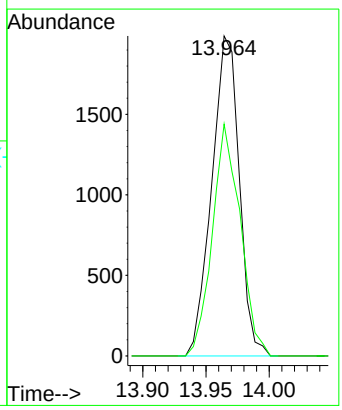




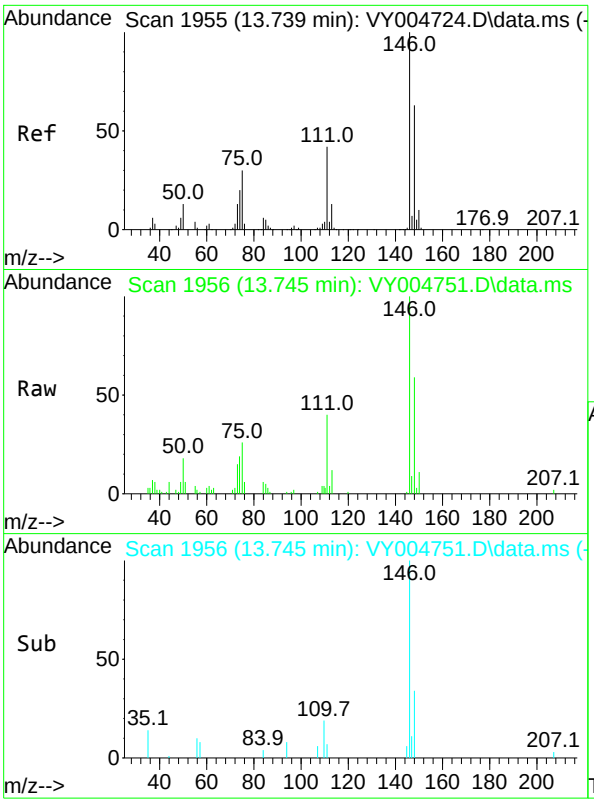
#90
Hexachloroethane
Concen: 2.49 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:117 Resp: 3003

Ion	Ratio	Lower	Upper
117	100		
201	73.5	35.9	107.8



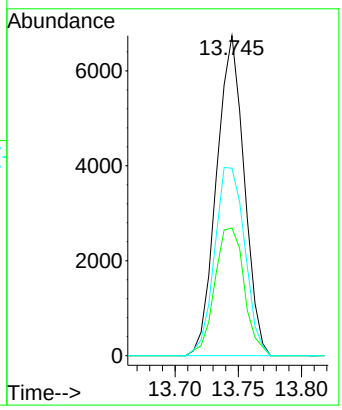
Instrument :
MSVOA_Y
ClientSampleId :

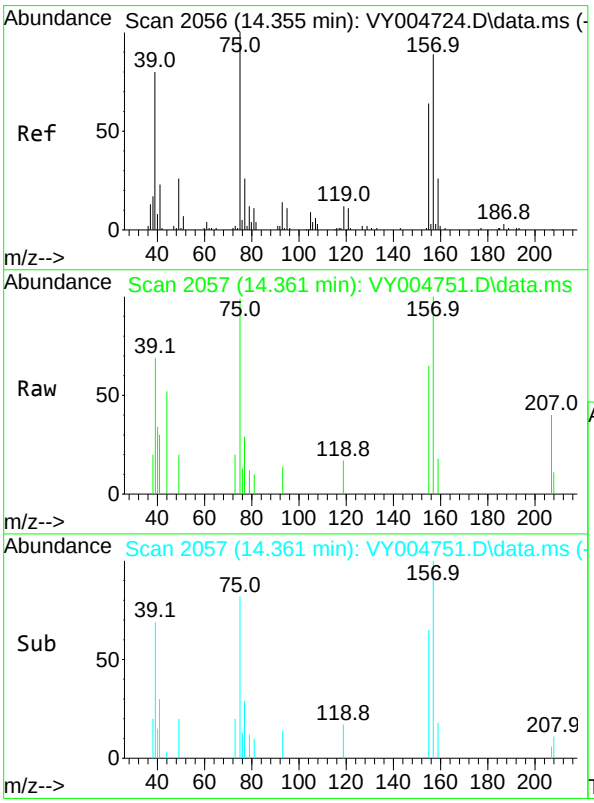


#91
1,2-Dichlorobenzene
Concen: 2.74 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:146 Resp: 10225

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.9	62.7
148	64.2	31.8	95.3

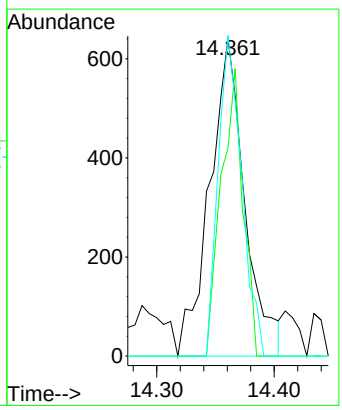




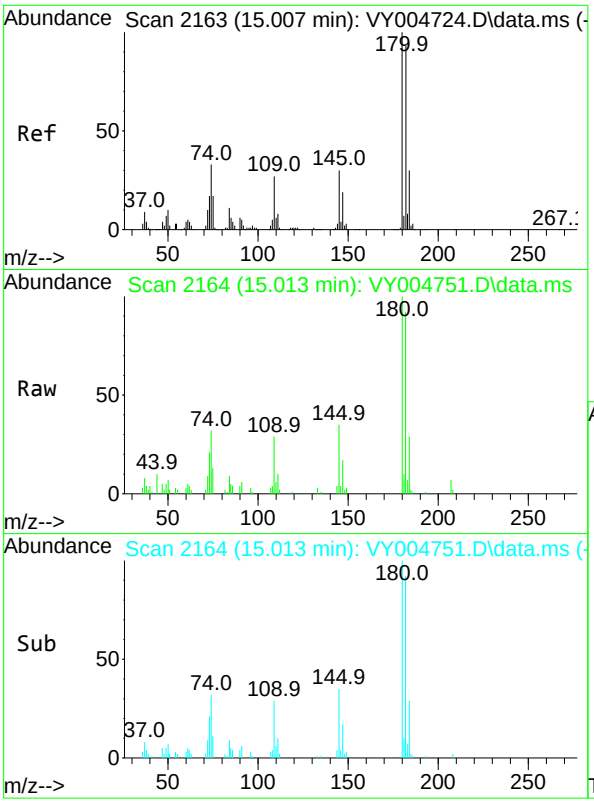
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.73 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 1331

Ion	Ratio	Lower	Upper
75	100		
155	56.4	39.0	117.0
157	67.8	50.2	150.7



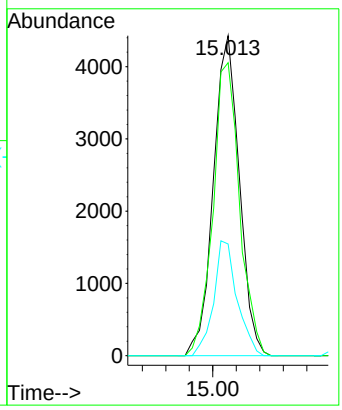
Instrument :
MSVOA_Y
ClientSampleId :

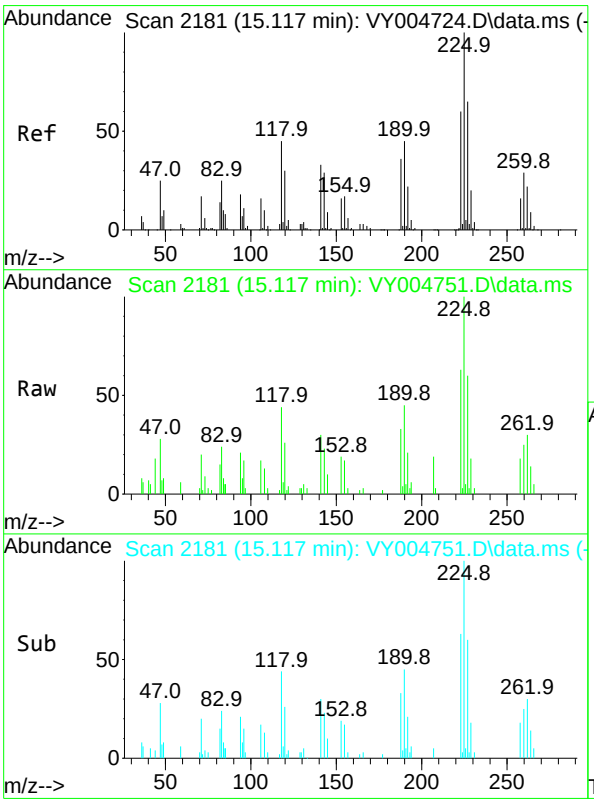


#93
1,2,4-Trichlorobenzene
Concen: 2.82 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:180 Resp: 6794

Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.8
145	32.6	15.4	46.4

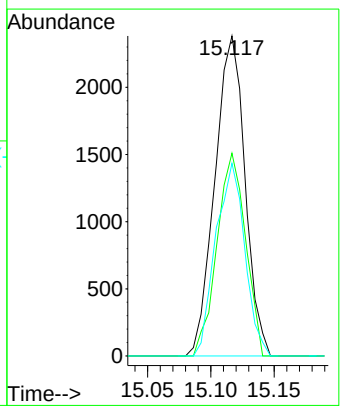




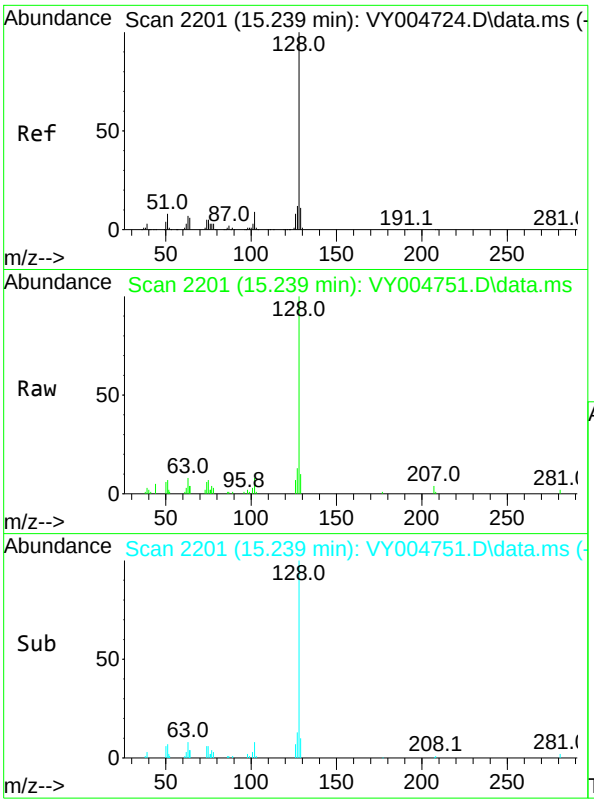
#94
Hexachlorobutadiene
Concen: 3.02 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:225 Resp: 3945

Ion	Ratio	Lower	Upper
225	100		
223	60.0	31.1	93.3
227	58.0	31.3	93.9



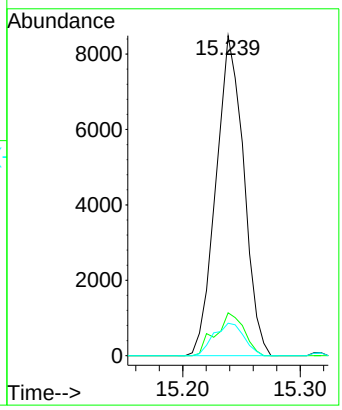
Instrument :
MSVOA_Y
ClientSampleId :

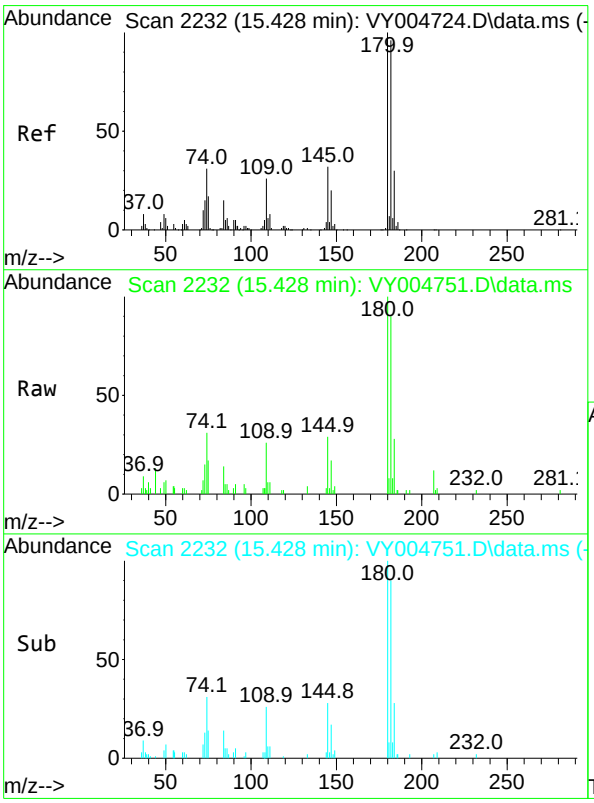


#95
Naphthalene
Concen: 2.68 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

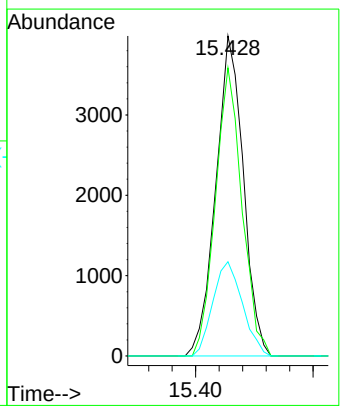
Tgt Ion:128 Resp: 13940

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	11.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 3.04 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:180 Resp: 6482

Ion	Ratio	Lower	Upper
180	100		
182	86.8	47.9	143.7
145	31.6	16.3	48.8