Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
Data File : VY004473.D
Acq On : 16 Apr 2021 16:32
Operator : SY/MD
Sample : M2050-13
Misc : 4.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

Quant Time: Apr 17 00:55:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

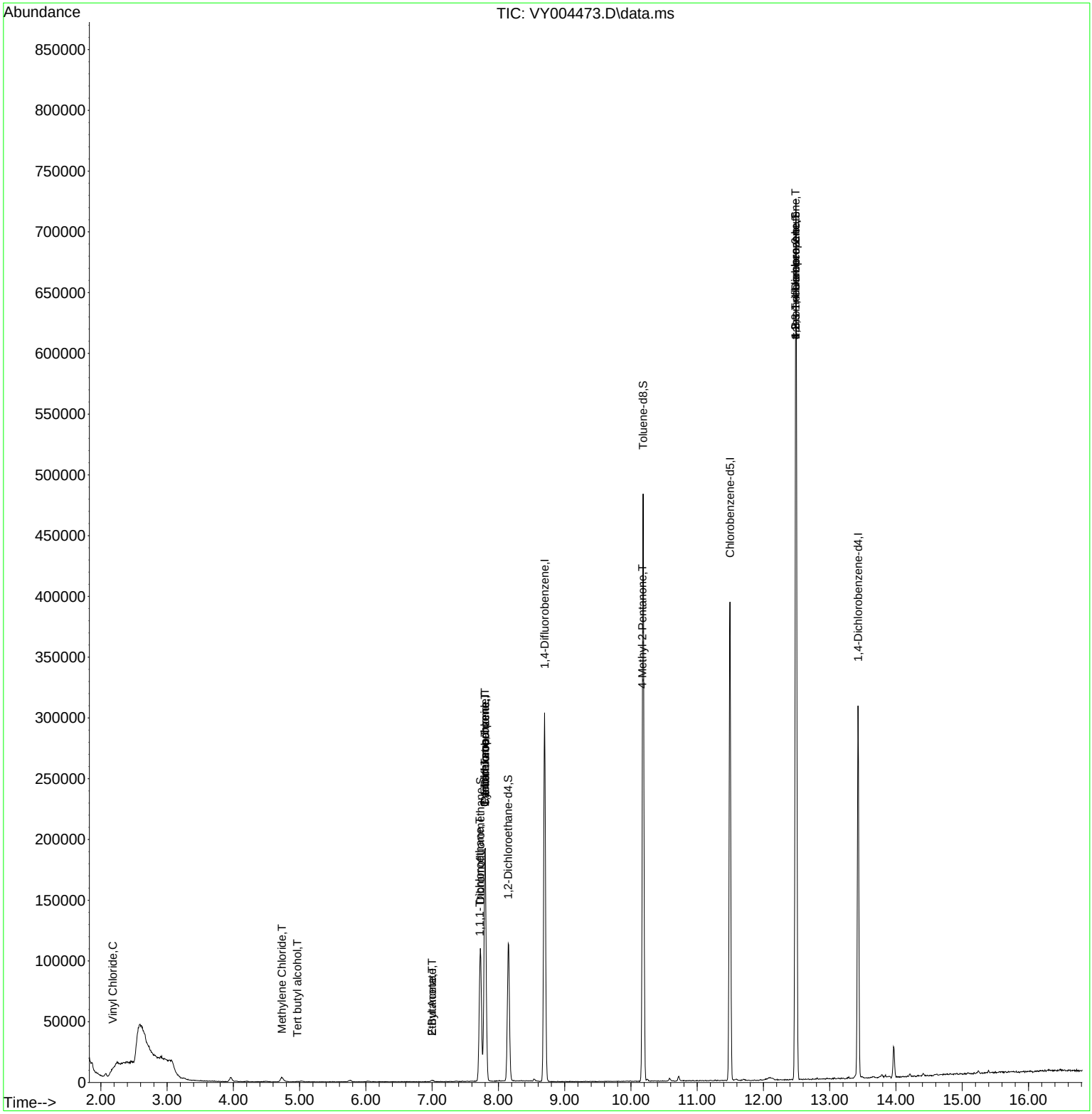
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	146393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87131	53.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.14%			
35) Dibromofluoromethane	7.728	113	74728	55.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.52%			
50) Toluene-d8	10.185	98	295864	51.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.86%			
62) 4-Bromofluorobenzene	12.483	95	82339	42.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.36%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.180	62	2878	1.39	ug/l #	43
11) Tert butyl alcohol	4.966	59	549	3.42	ug/l #	73
16) Acetone	3.960	43	6429	Below Cal		100
20) Methylene Chloride	4.735	84	2497	1.59	ug/l #	90
25) 2-Butanone	6.996	43	2341	3.78	ug/l	91
31) Cyclohexane	7.795	56	3419	1.15	ug/l #	19
32) 1,1,1-Trichloroethane	7.716	97	3321	1.27	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	12124	5.01	ug/l #	50
37) Ethyl Acetate	6.996	43	2341	1.50	ug/l #	70
38) Carbon Tetrachloride	7.795	117	15056	7.19	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	1592	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	50433	64.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50433	115.13	ug/l #	14

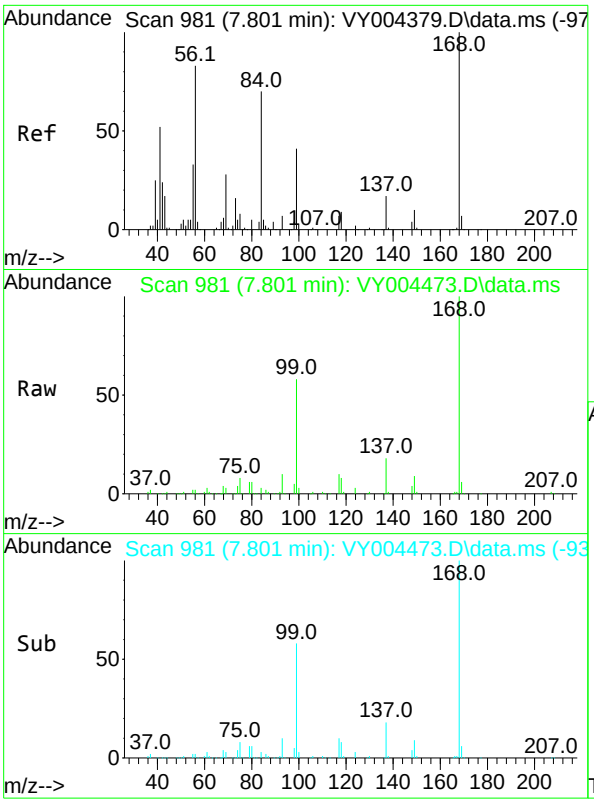
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
Data File : VY004473.D
Acq On : 16 Apr 2021 16:32
Operator : SY/MD
Sample : M2050-13
Misc : 4.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Quant Time: Apr 17 00:55:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

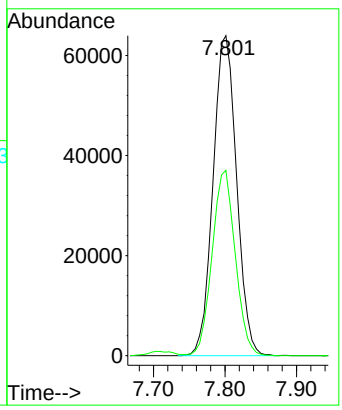




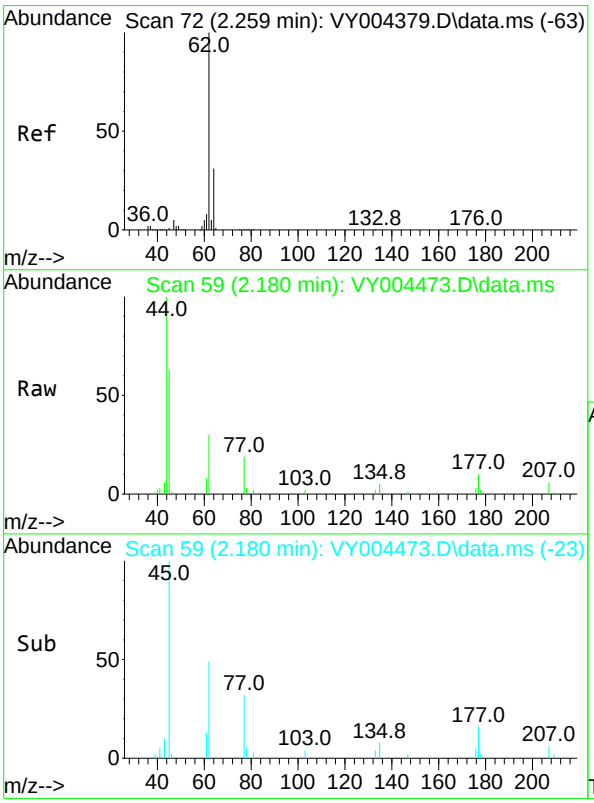
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion:168 Resp: 146393

Ion	Ratio	Lower	Upper
168	100		
99	57.9	45.5	68.3



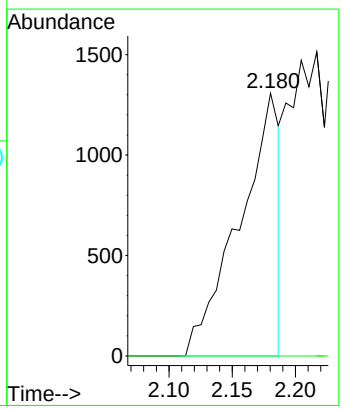
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

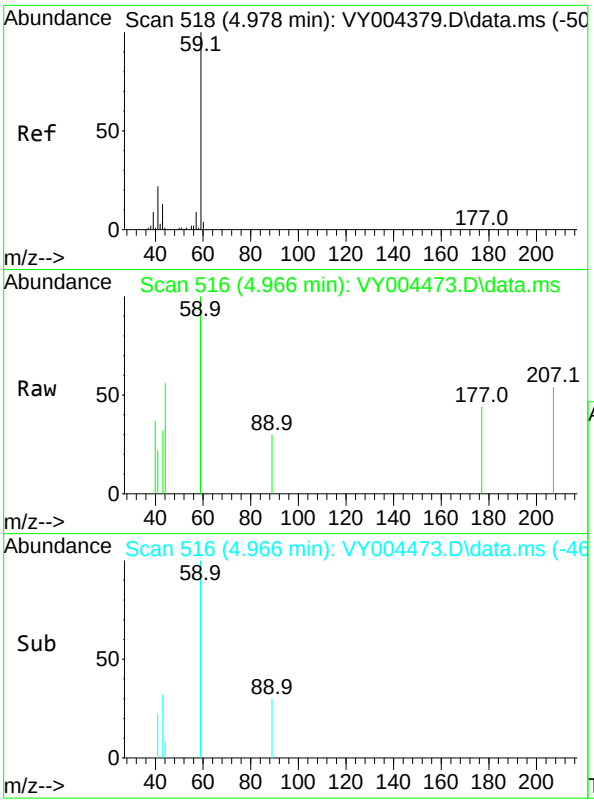


#4
Vinyl Chloride
Concen: 1.39 ug/l
RT: 2.180 min Scan# 59
Delta R.T. -0.079 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 62 Resp: 2878

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.1	37.7#

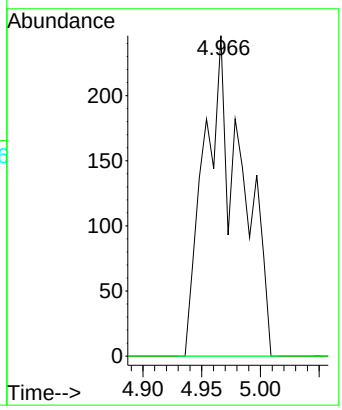




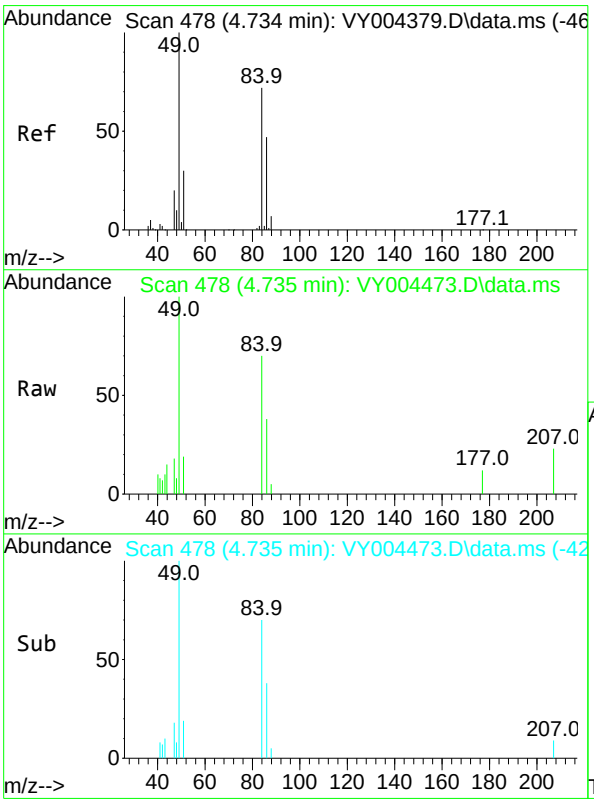
#11
Tert butyl alcohol
Concen: 3.42 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 59 Resp: 549

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



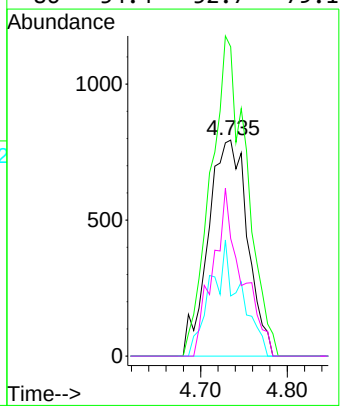
Instrument :
MSVOA_Y
ClientSampleId :
TP-2



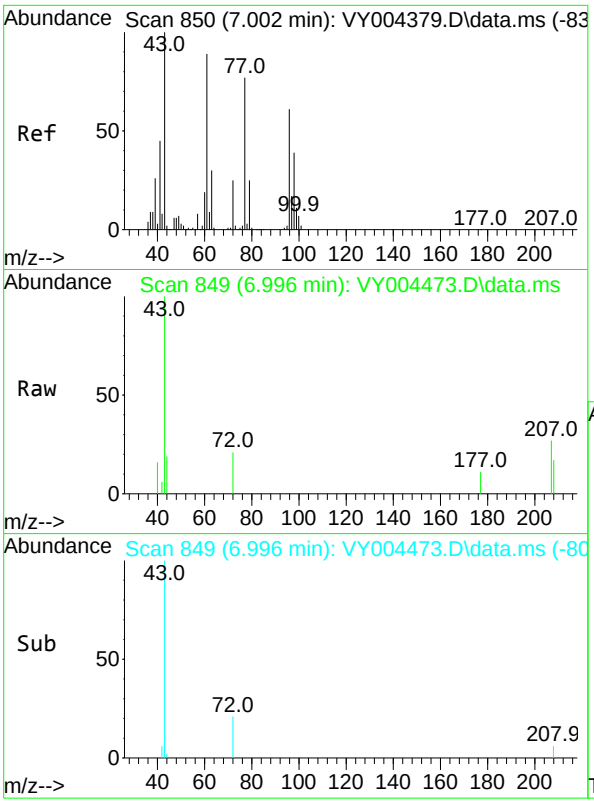
#20
Methylene Chloride
Concen: 1.59 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 84 Resp: 2497

Ion	Ratio	Lower	Upper
84	100		
49	143.2	111.2	166.8
51	27.8	33.4	50.2#
86	54.4	52.7	79.1



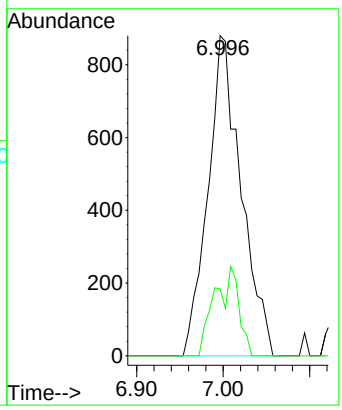
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

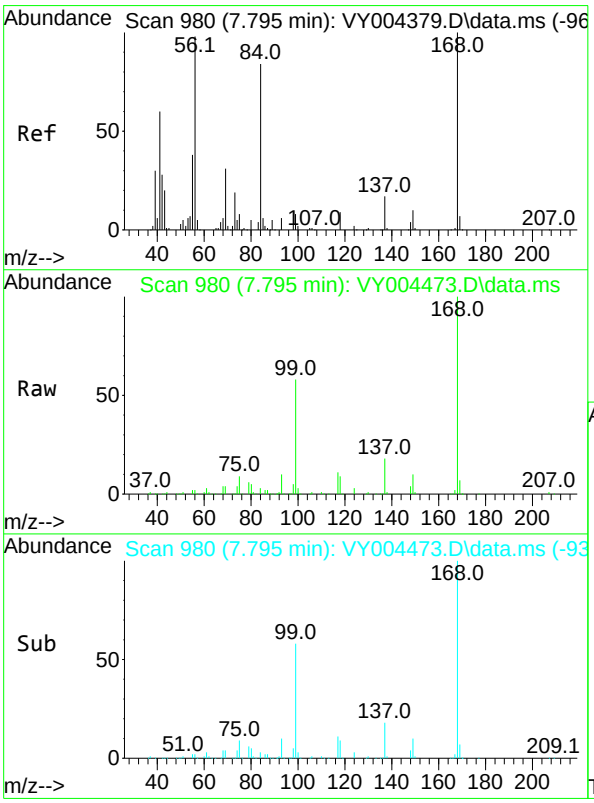


#25
2-Butanone
Concen: 3.78 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 43 Resp: 2341

Ion	Ratio	Lower	Upper
43	100		
72	20.9	20.2	30.2

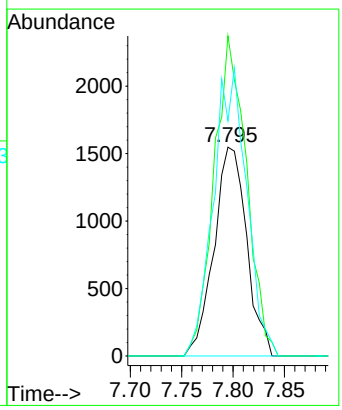




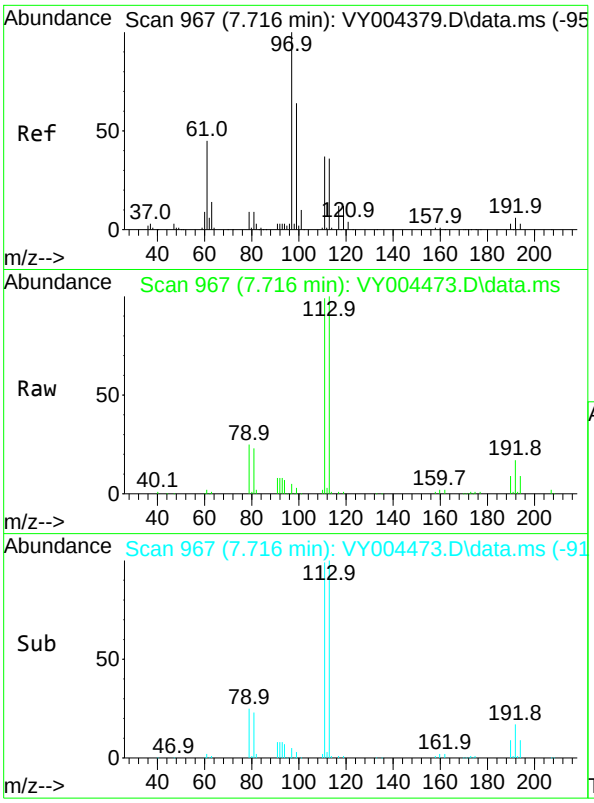
#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 56 Resp: 3419

Ion	Ratio	Lower	Upper
56	100		
69	153.2	25.8	38.6#
84	112.6	68.2	102.4#



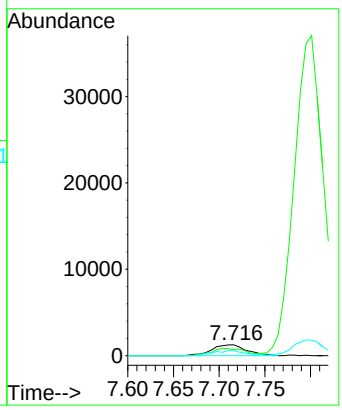
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

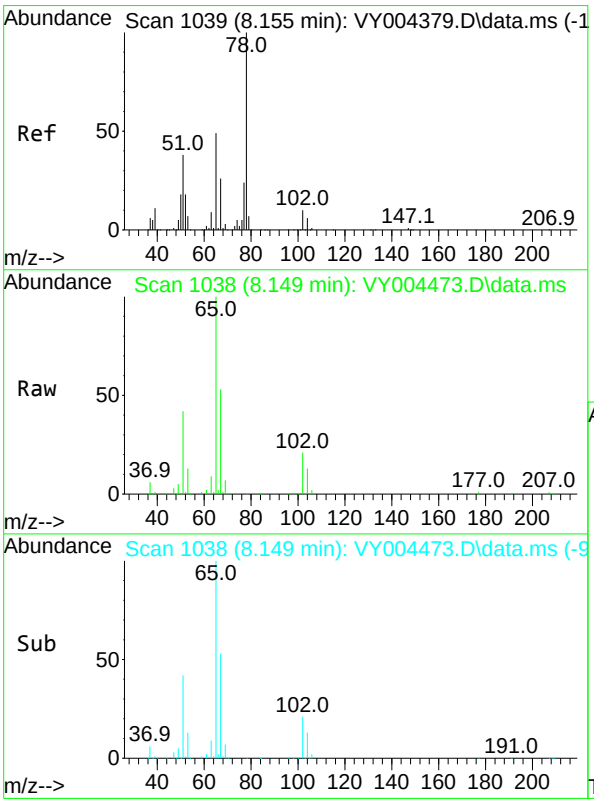


#32
1,1,1-Trichloroethane
Concen: 1.27 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 97 Resp: 3321

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	45.2	36.2	54.2

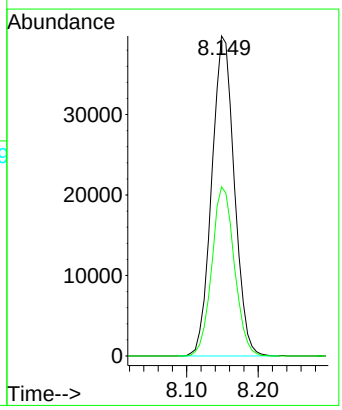




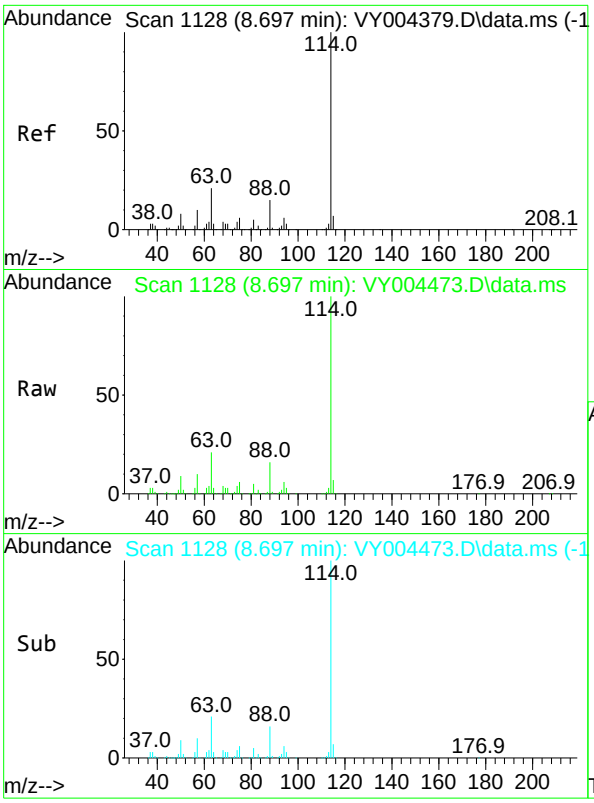
#33
1,2-Dichloroethane-d4
Concen: 53.57 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 65 Resp: 87131

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.4



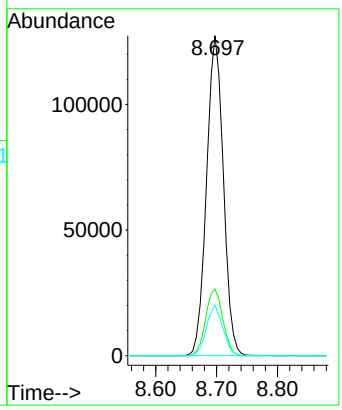
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

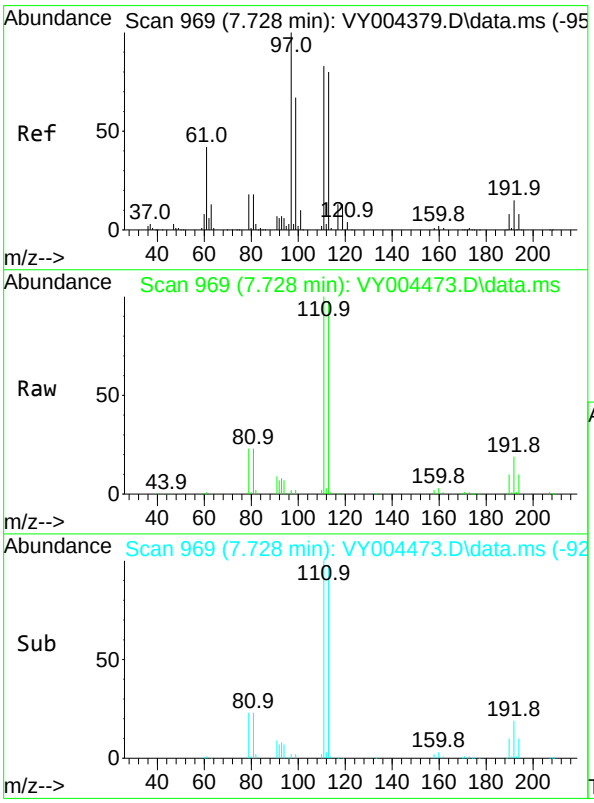


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion:114 Resp: 243697

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	15.7	0.0	30.8

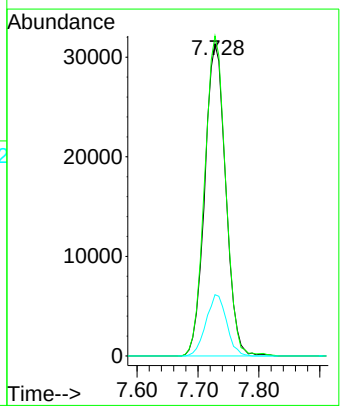




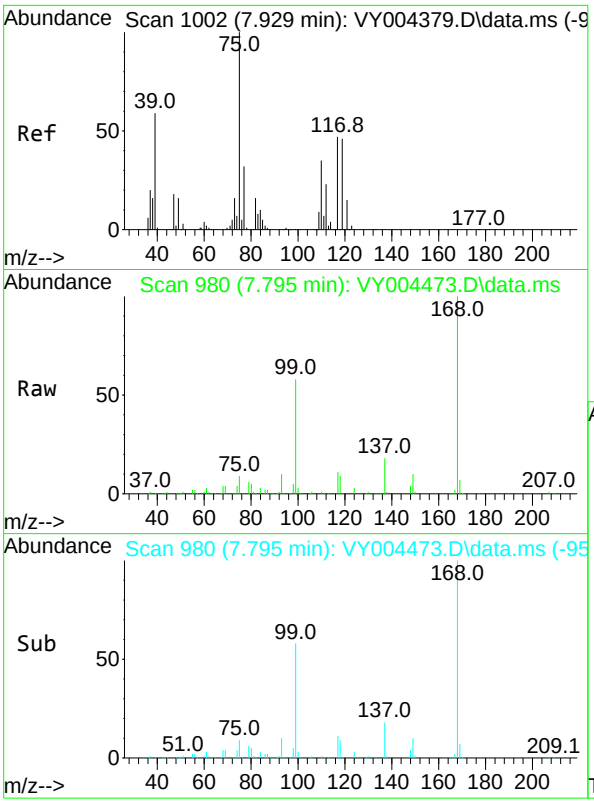
#35
Dibromofluoromethane
Concen: 55.26 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion:113 Resp: 74728

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.3	16.1	24.1



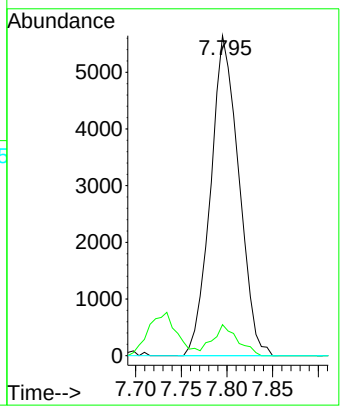
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

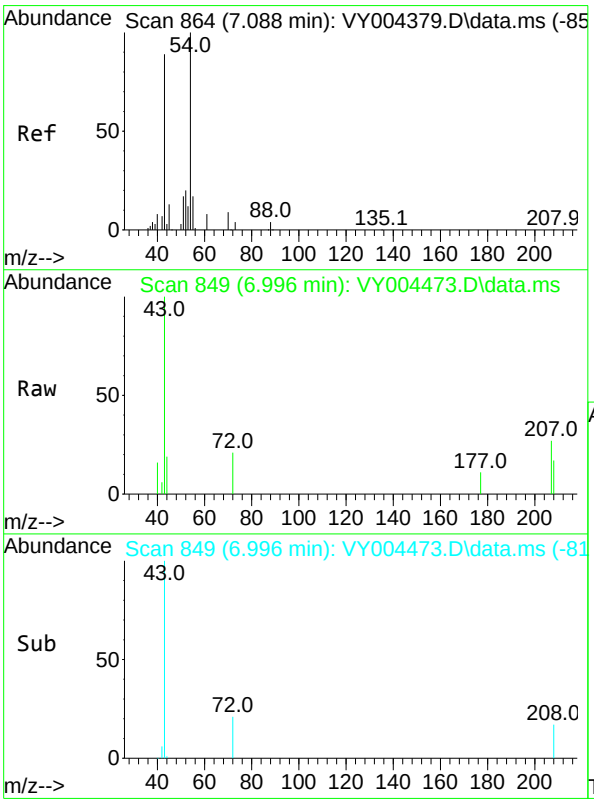


#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 75 Resp: 12124

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.3	51.7#
77	0.0	24.3	36.5#

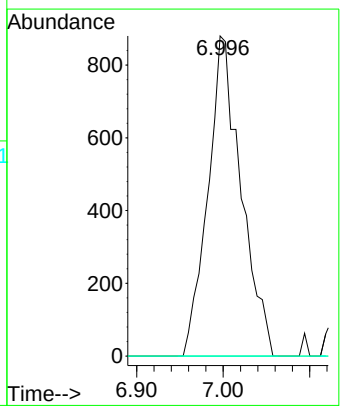




#37
Ethyl Acetate
Concen: 1.50 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 43 Resp: 2341

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.5	11.3#



Instrument :
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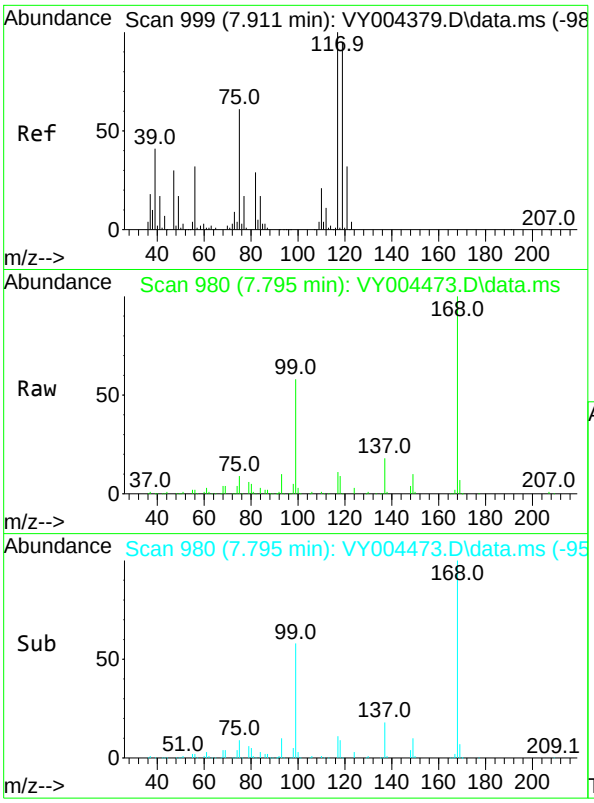
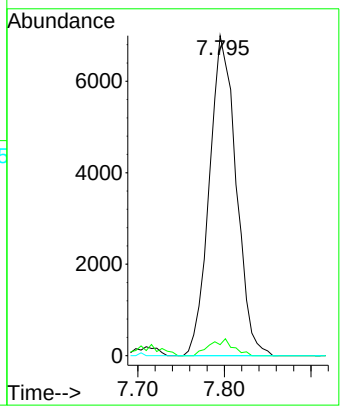
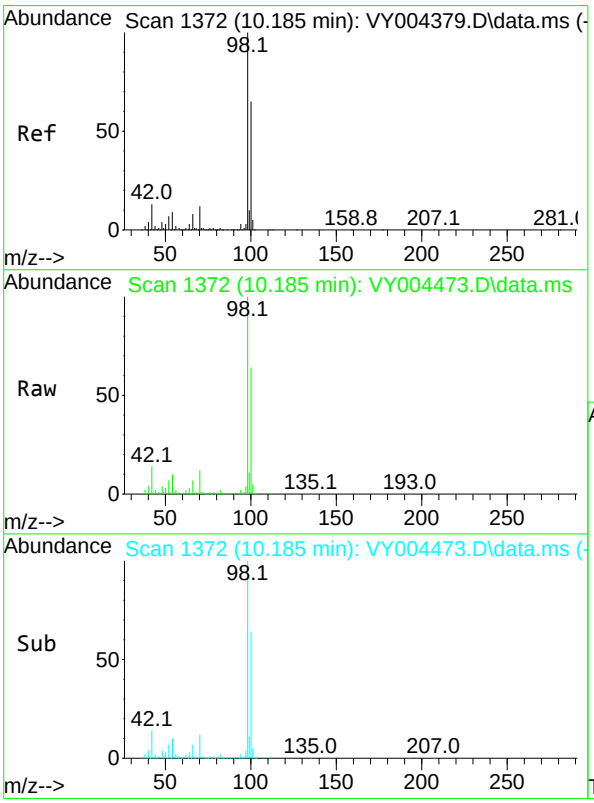


#38
Carbon Tetrachloride
Concen: 7.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion:117 Resp: 15056

Ion	Ratio	Lower	Upper
117	100		
119	3.4	75.8	113.8#
121	0.0	25.3	37.9#

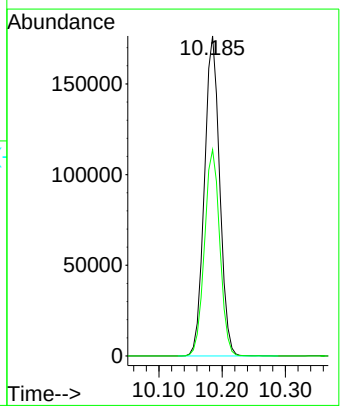


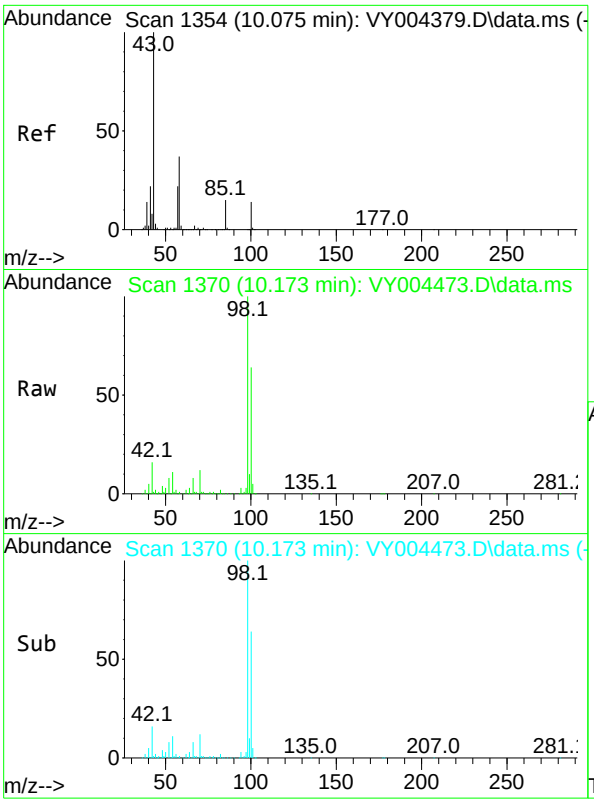


#50
Toluene-d8
Concen: 51.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 98 Resp: 295864

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.6

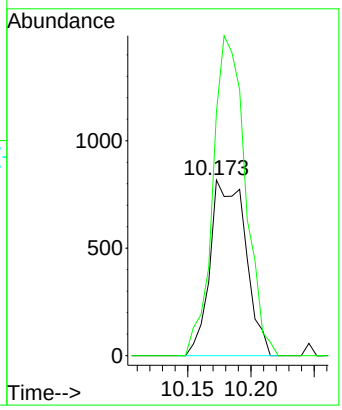




#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 43 Resp: 1592

Ion	Ratio	Lower	Upper
43	100		
58	166.5	29.2	43.8#



Instrument :
MSVOA_Y
ClientSampleId :
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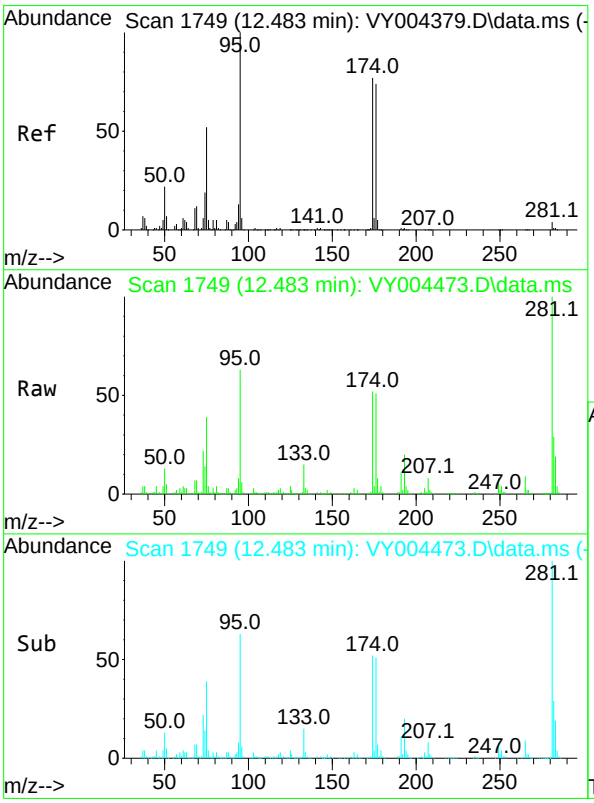
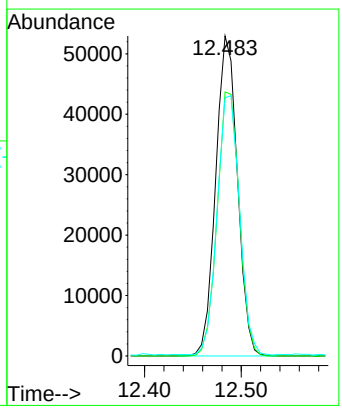


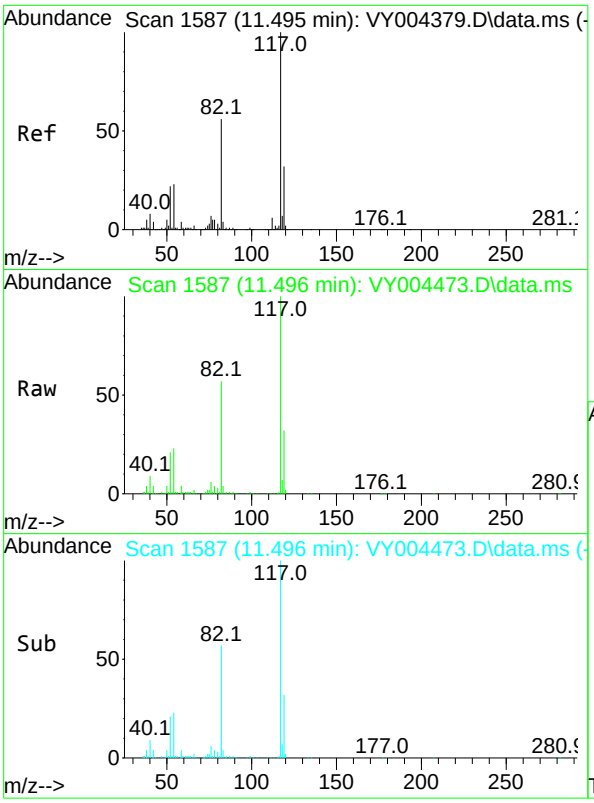
#62
4-Bromofluorobenzene
Concen: 42.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 95 Resp: 82339

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	162.4
176	83.9	0.0	156.0



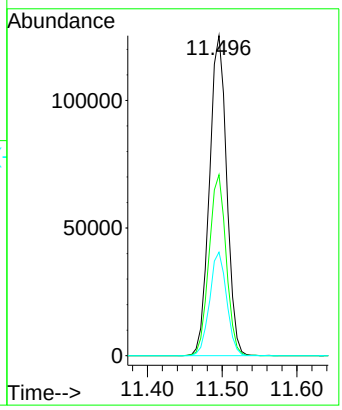
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

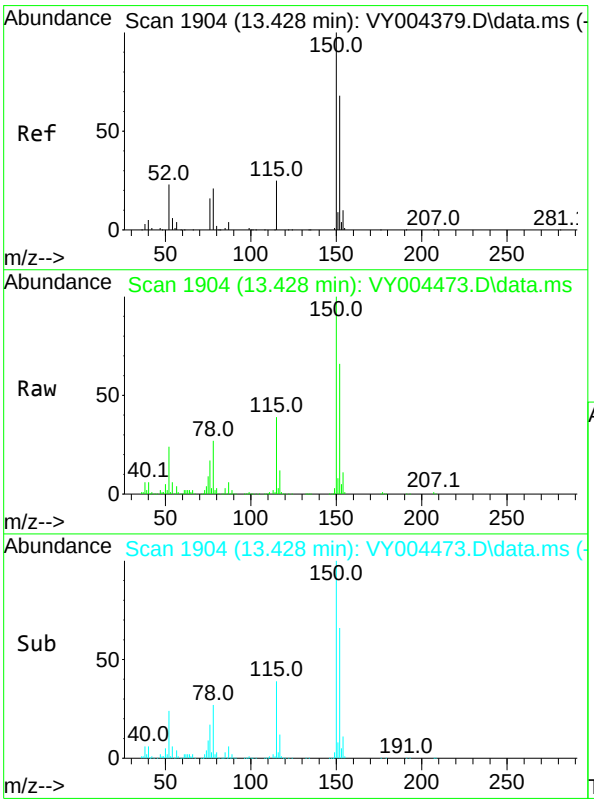


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion:117 Resp: 201324

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.9	67.3
119	32.4	25.4	38.0

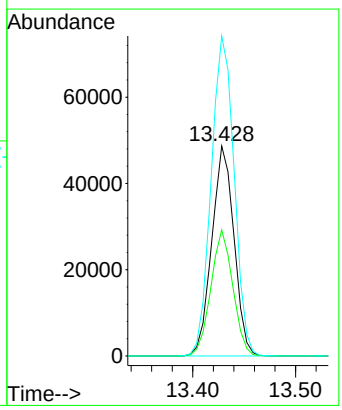




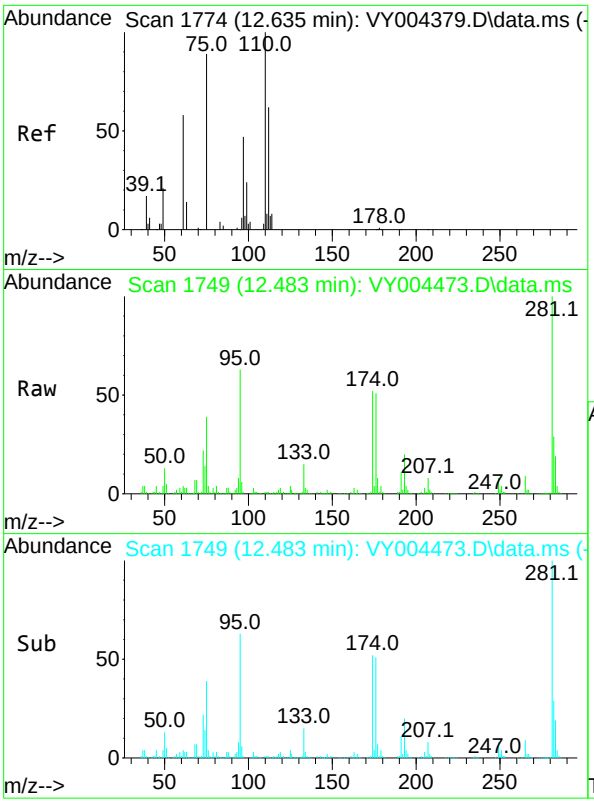
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion:152 Resp: 73011

Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.6	88.8
150	157.6	0.0	348.4



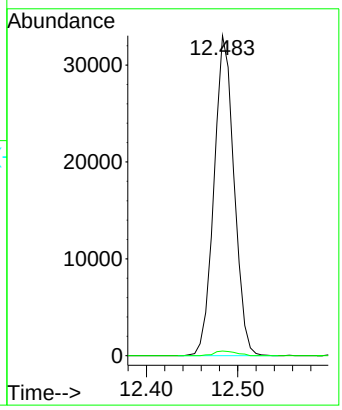
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

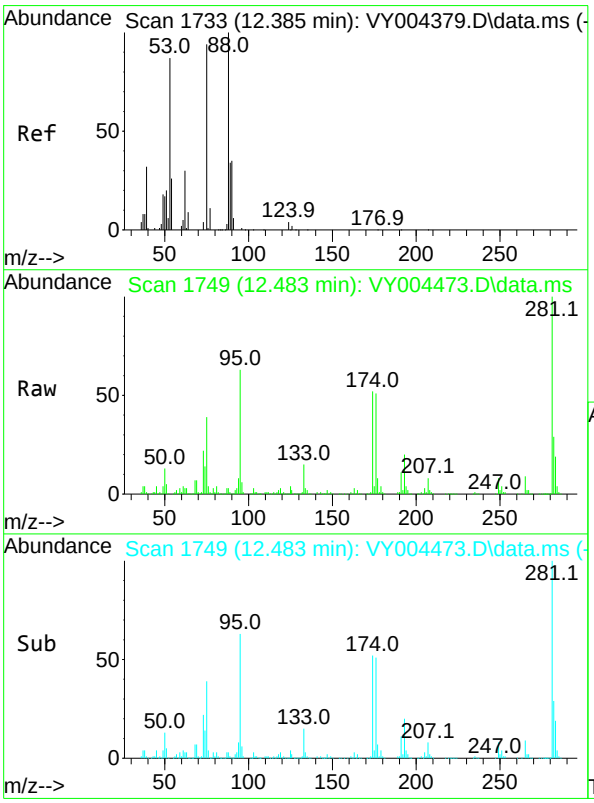


#76
1,2,3-Trichloropropane
Concen: 64.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

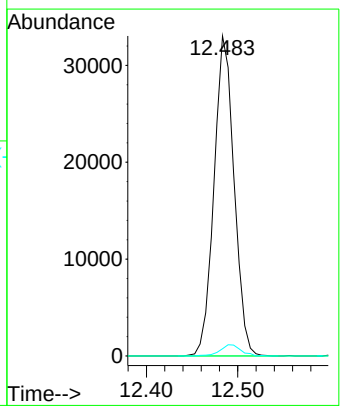
Tgt Ion: 75 Resp: 50433

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004473.D
Acq: 16 Apr 2021 16:32

Tgt Ion: 75 Resp: 50433

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	3.7	36.1	54.1#