

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004524.D
 Acq On : 20 Apr 2021 13:25
 Operator : SY/MD
 Sample : M2090-05
 Misc : 5.98G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEDGWICK-VOC-3

Quant Time: Apr 21 08:50:27 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	118521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81585	61.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.90%
35) Dibromofluoromethane	7.728	113	51197	43.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.18%
50) Toluene-d8	10.185	98	266806	52.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.58%
62) 4-Bromofluorobenzene	12.483	95	85590	49.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.80%

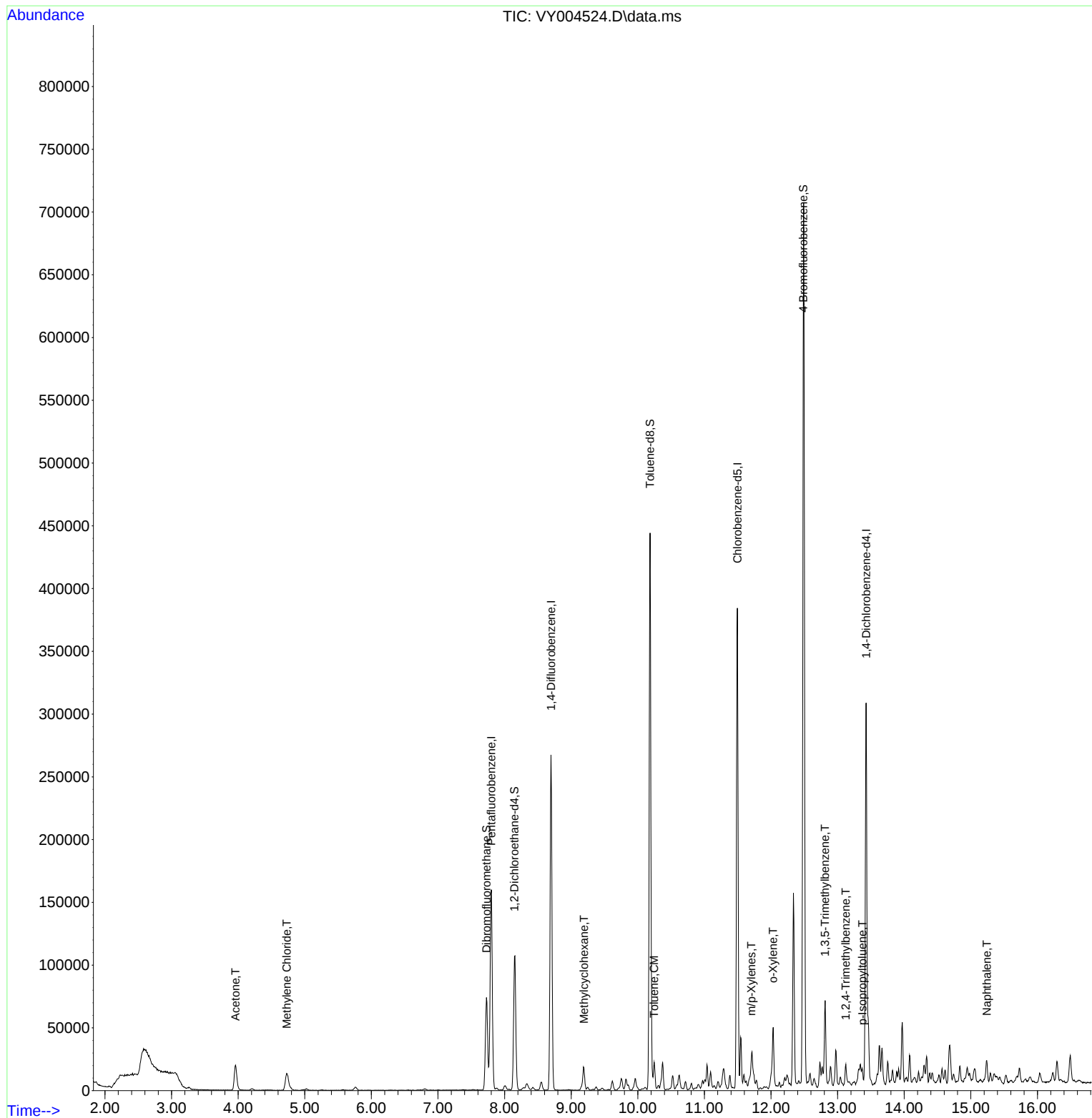
Target Compounds						Qvalue
16) Acetone	3.960	43	35236	115.74	ug/l	100
20) Methylene Chloride	4.729	84	9612	7.56	ug/l	97
39) Methylcyclohexane	9.191	83	6630	2.53	ug/l	95
52) Toluene	10.246	92	8024	2.07	ug/l	99
68) m/p-Xylenes	11.703	106	3115	1.12	ug/l	99
69) o-Xylene	12.032	106	10728	4.10	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	24025	5.19	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	8377	1.79	ug/l	98
86) p-Isopropyltoluene	13.373	119	5620	1.12	ug/l	98
95) Naphthalene	15.239	128	13611	4.47	ug/l	98

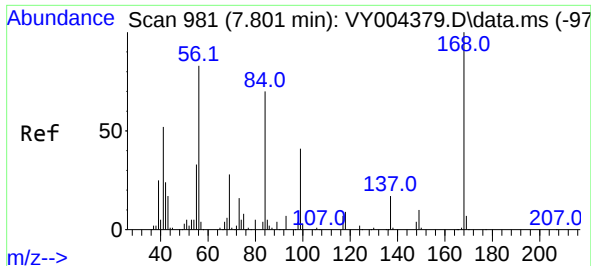
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

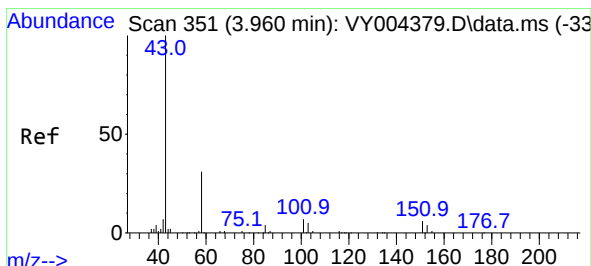
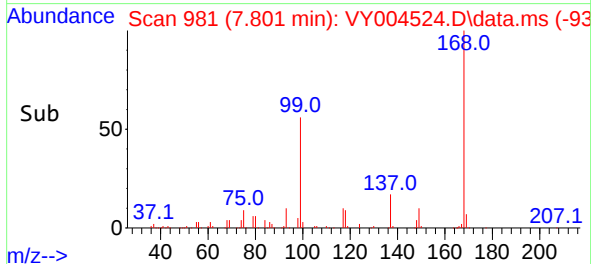
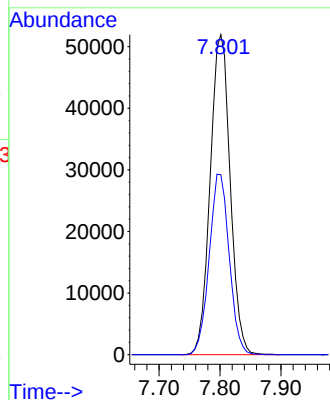
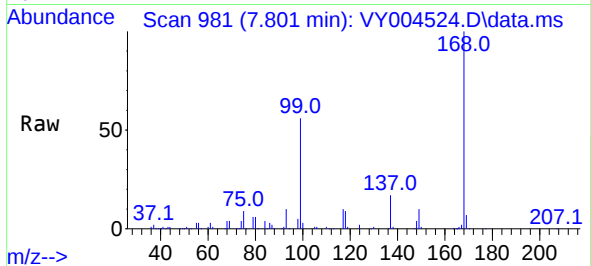




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

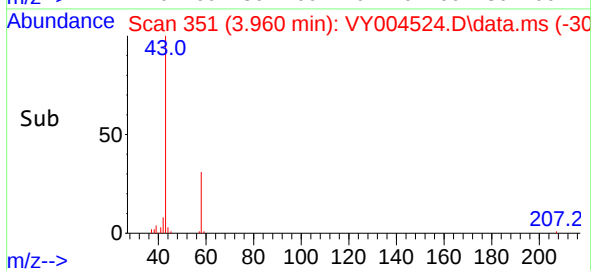
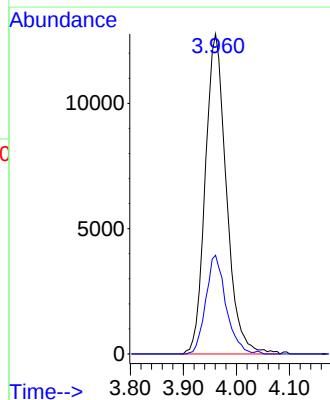
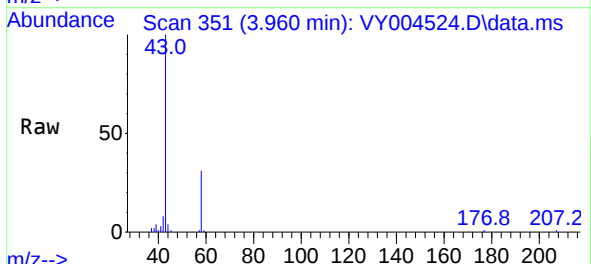
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-3

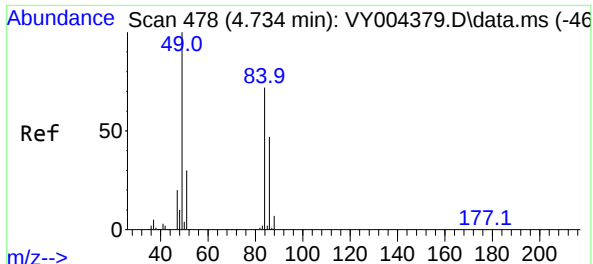
Tgt Ion:168 Resp: 118521
Ion Ratio Lower Upper
168 100
99 56.2 45.5 68.3



#16
Acetone
Concen: 115.74 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion: 43 Resp: 35236
Ion Ratio Lower Upper
43 100
58 30.8 24.6 37.0



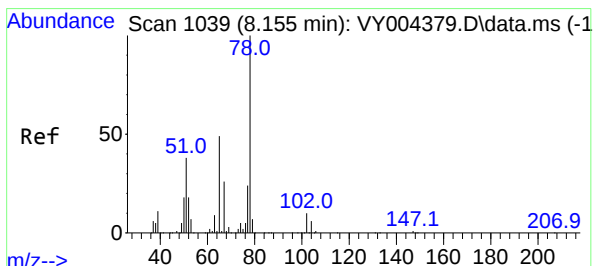
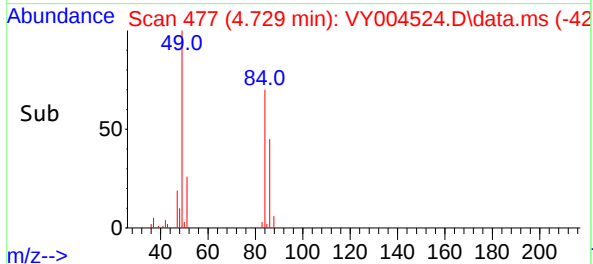
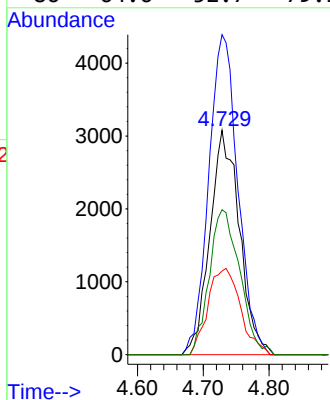
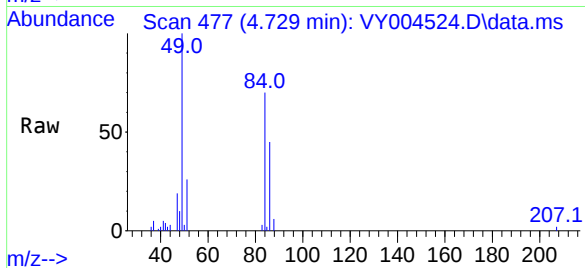


#20
Methylene Chloride
Concen: 7.56 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-3

Tgt Ion: 84 Resp: 9612

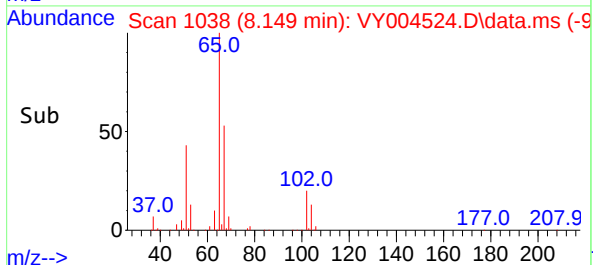
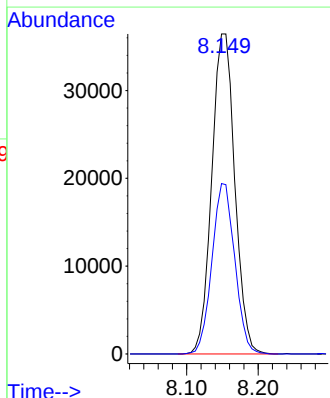
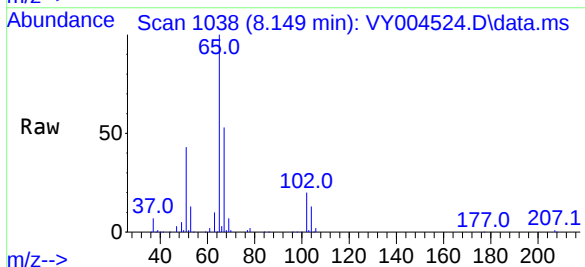
Ion	Ratio	Lower	Upper
84	100		
49	142.7	111.2	166.8
51	37.3	33.4	50.2
86	64.6	52.7	79.1

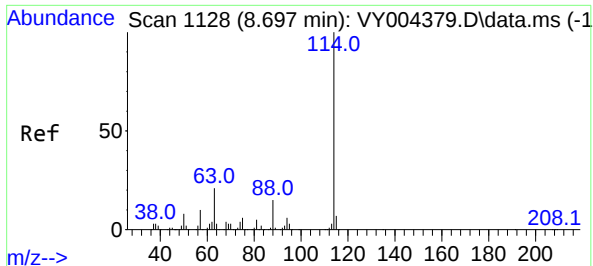


#33
1,2-Dichloroethane-d4
Concen: 61.95 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion: 65 Resp: 81585

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

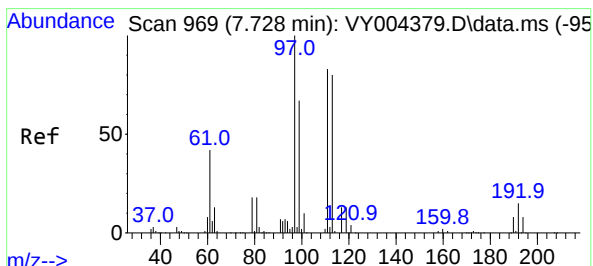
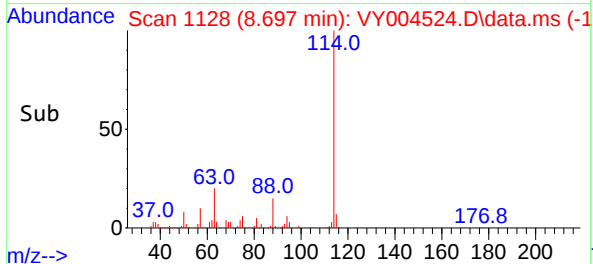
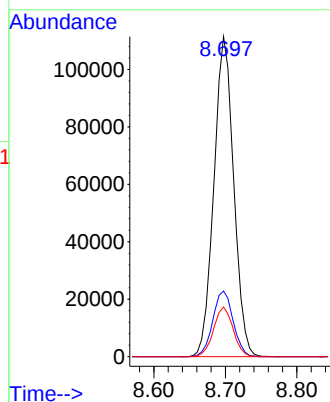
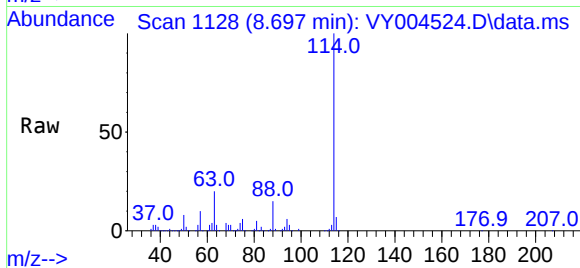
Delta R.T. 0.000 min

Lab File: VY004524.D

Acq: 20 Apr 2021 13:25

Tgt Ion:	114	Resp:	214111
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.4
88	15.5	0.0	30.8

Instrument :
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#35

Dibromofluoromethane

Concen: 43.09 ug/l

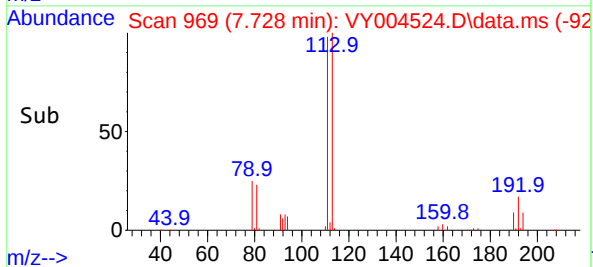
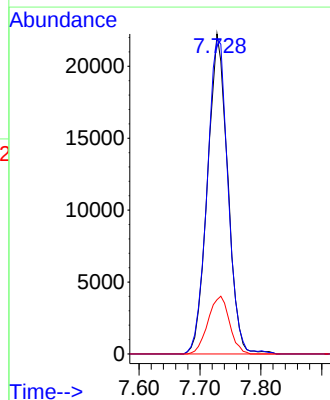
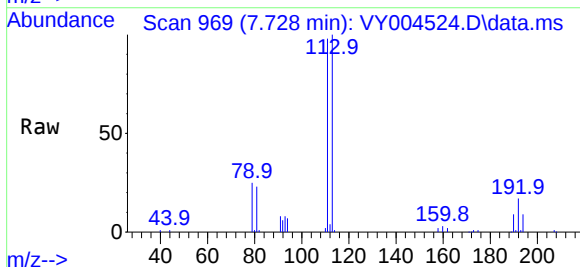
RT: 7.728 min Scan# 969

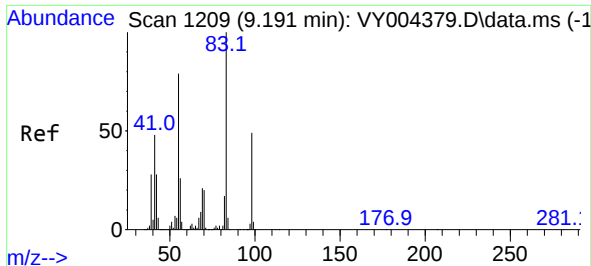
Delta R.T. 0.000 min

Lab File: VY004524.D

Acq: 20 Apr 2021 13:25

Tgt Ion:	113	Resp:	51197
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	19.1	16.1	24.1

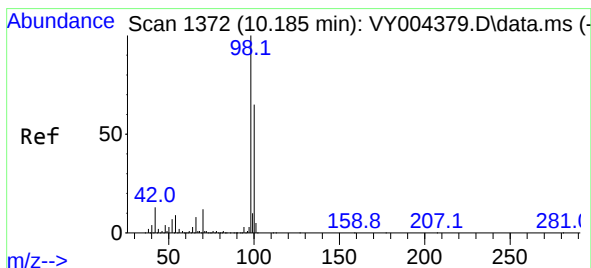
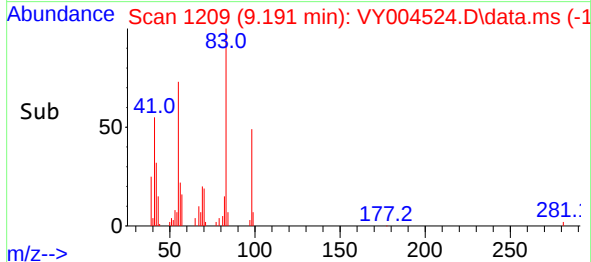
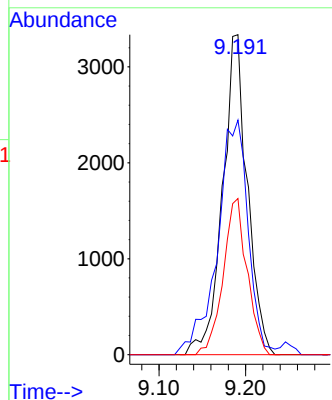
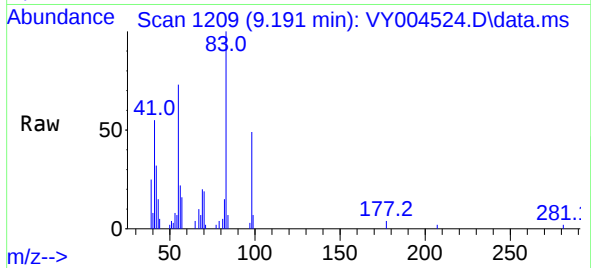




#39
Methylcyclohexane
Concen: 2.53 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

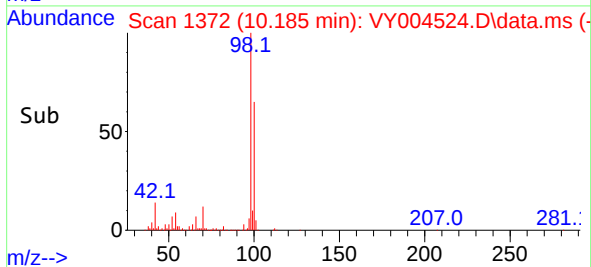
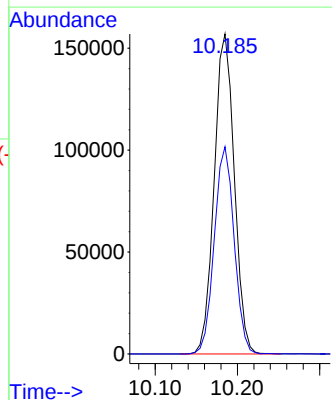
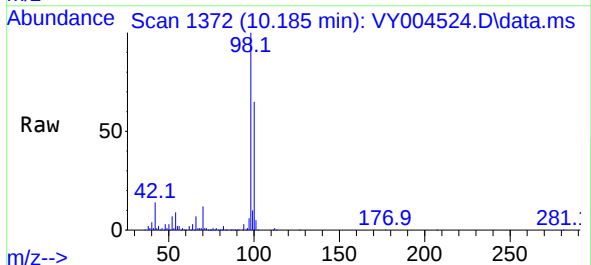
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-3

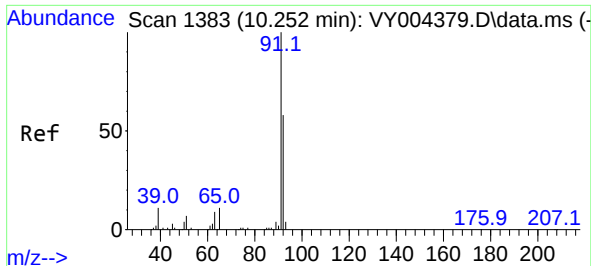
Tgt Ion: 83 Resp: 6630
Ion Ratio Lower Upper
83 100
55 71.2 63.0 94.4
98 48.8 39.2 58.8



#50
Toluene-d8
Concen: 52.79 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion: 98 Resp: 266806
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

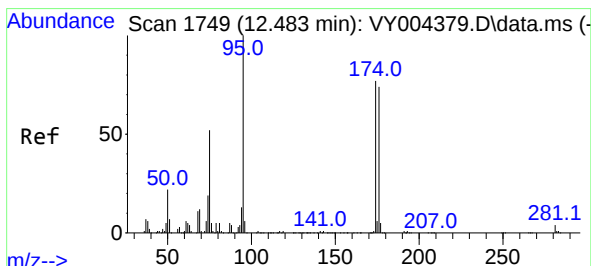
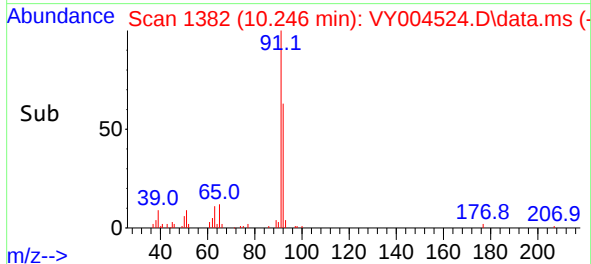
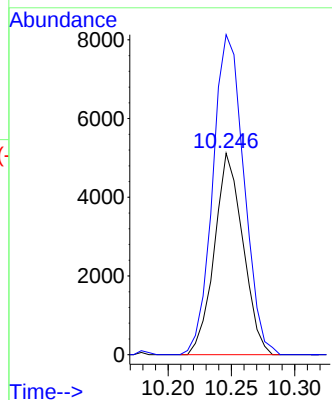
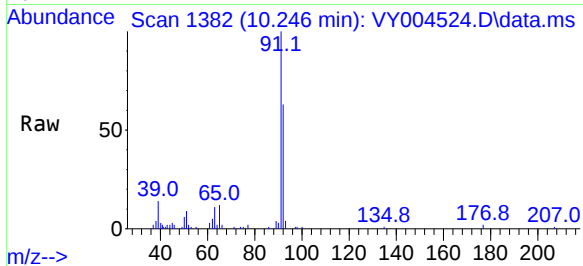




#52
Toluene
Concen: 2.07 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

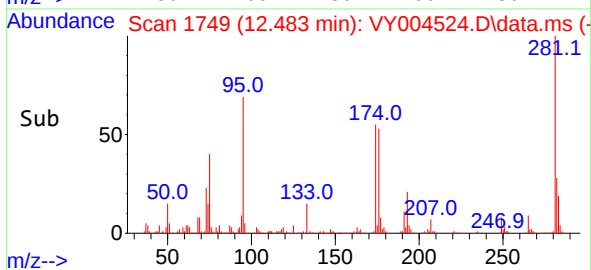
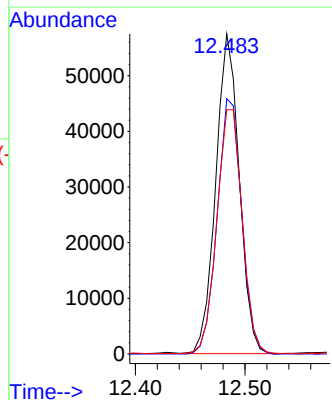
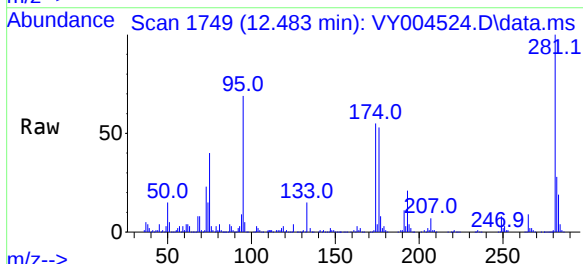
Instrument :
MSVOA_Y
ClientSampleId :
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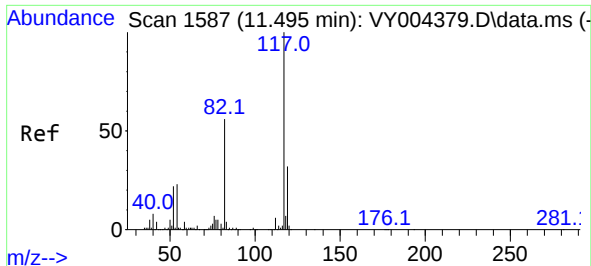
Tgt Ion: 92 Resp: 8024
Ion Ratio Lower Upper
92 100
91 173.6 137.8 206.6



#62
4-Bromofluorobenzene
Concen: 49.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion: 95 Resp: 85590
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.4
176 82.8 0.0 156.0

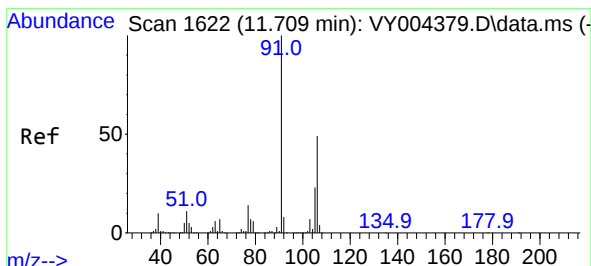
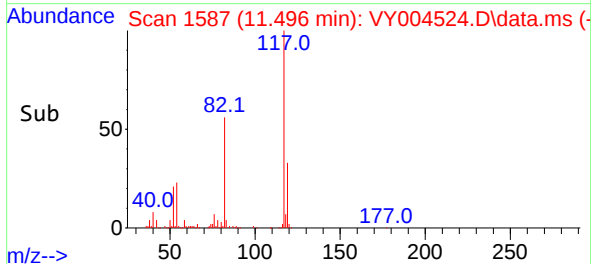
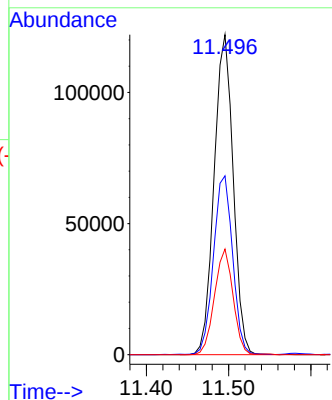
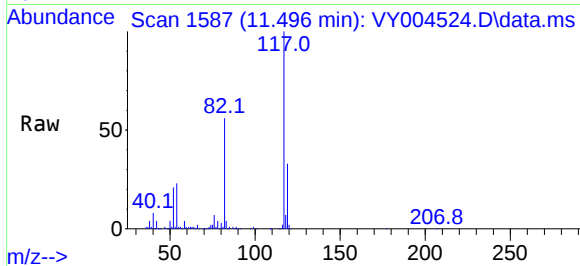




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

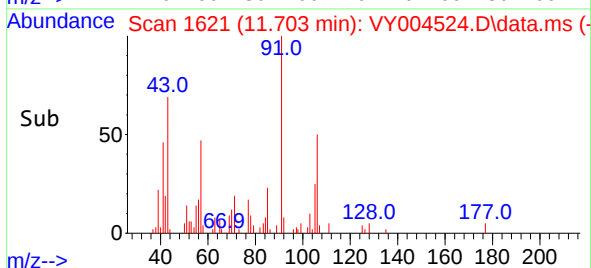
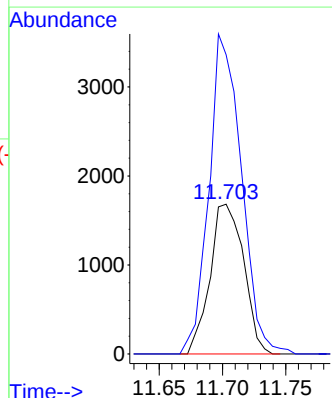
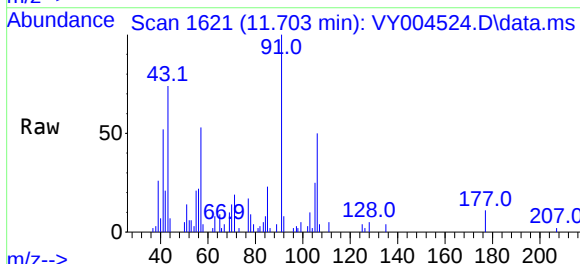
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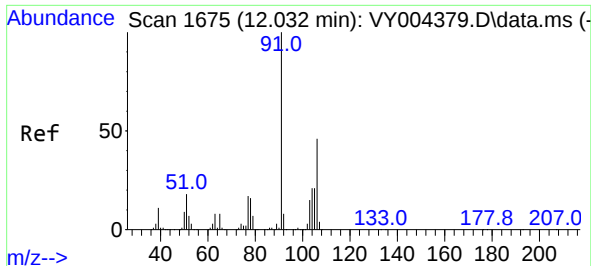
Tgt Ion:	117	Resp:	196872
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.9	67.3
119	33.0	25.4	38.0



#68
m/p-Xylenes
Concen: 1.12 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion:	106	Resp:	3115
Ion	Ratio	Lower	Upper
106	100		
91	206.1	163.2	244.8

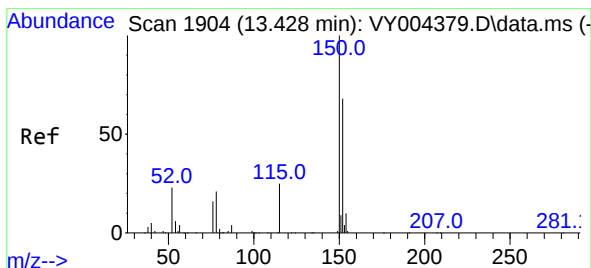
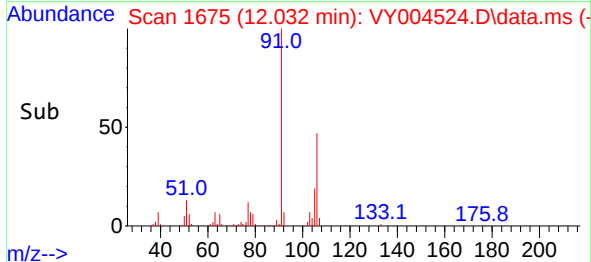
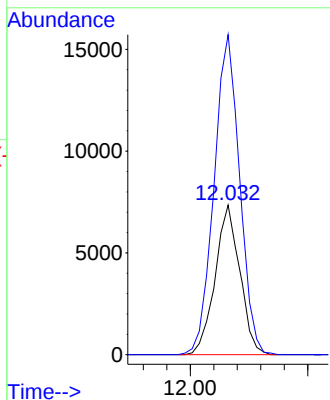
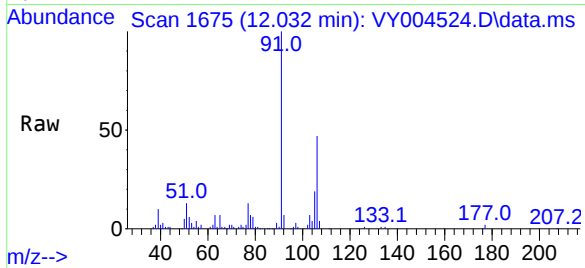




#69
o-Xylene
Concen: 4.10 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

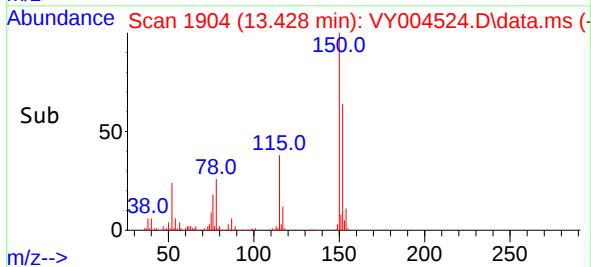
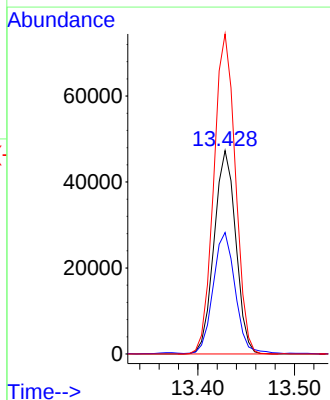
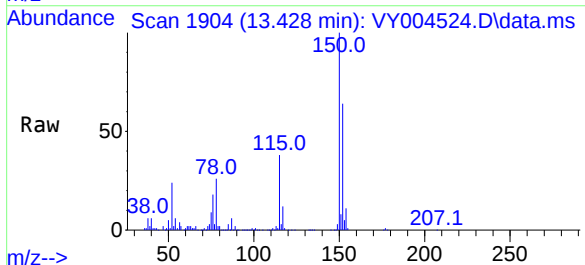
Instrument :
MSVOA_Y
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SEDGWICK-VOC-3

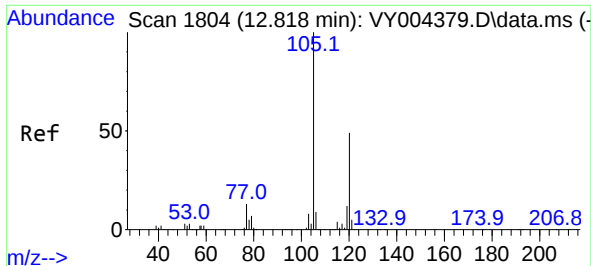
Tgt Ion:106 Resp: 10728
Ion Ratio Lower Upper
106 100
91 221.8 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion:152 Resp: 73702
Ion Ratio Lower Upper
152 100
115 61.4 29.6 88.8
150 156.9 0.0 348.4

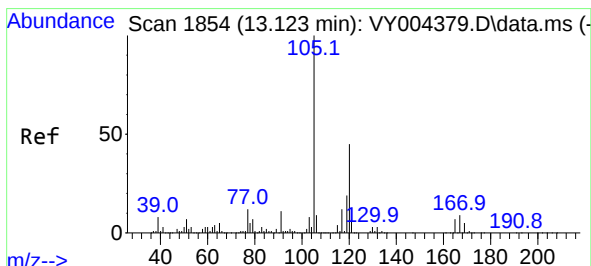
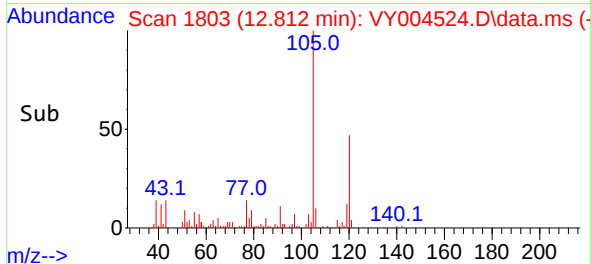
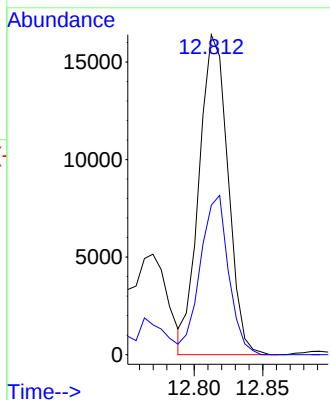
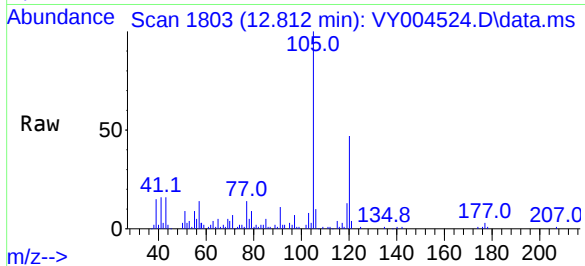




#80
1,3,5-Trimethylbenzene
Concen: 5.19 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

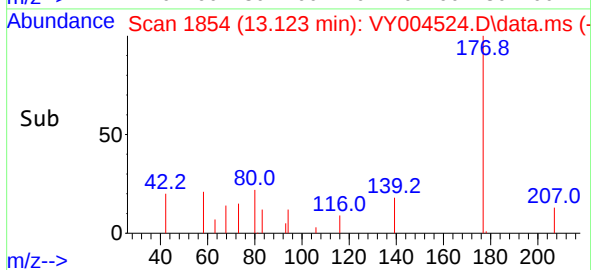
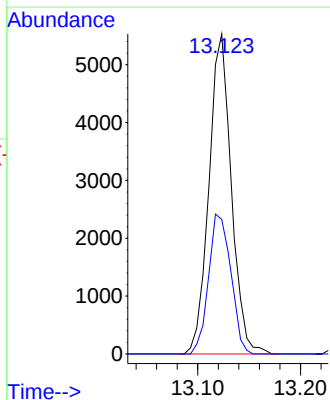
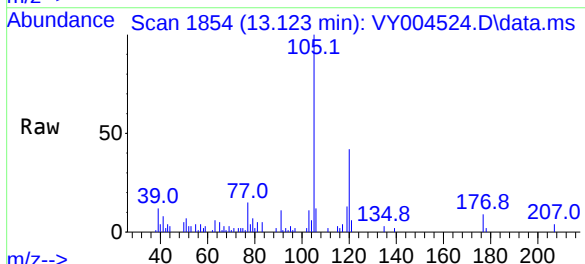
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-3

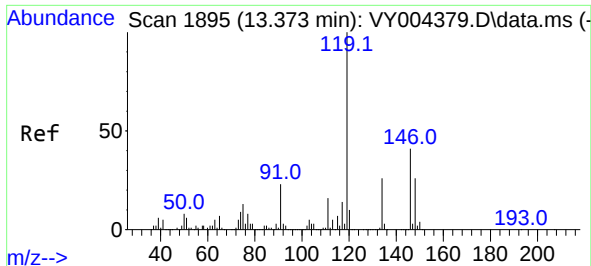
Tgt Ion:105 Resp: 24025
Ion Ratio Lower Upper
105 100
120 48.8 24.6 74.0



#84
1,2,4-Trimethylbenzene
Concen: 1.79 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion:105 Resp: 8377
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.3

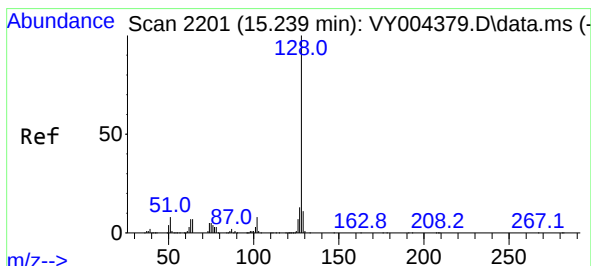
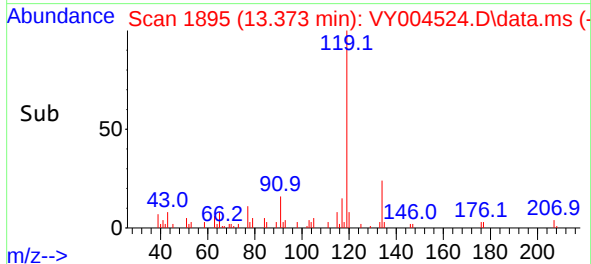
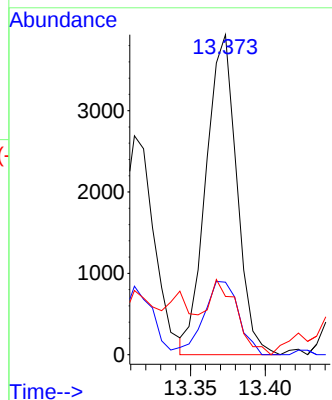
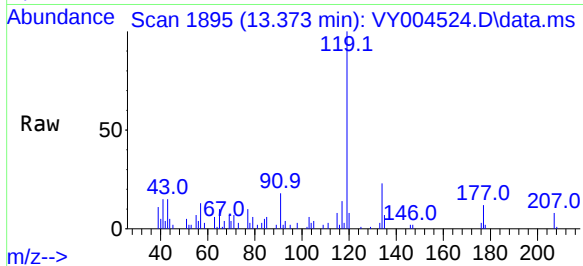




#86
p-Isopropyltoluene
Concen: 1.12 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-3

Tgt Ion:	119	Resp:	5620
Ion Ratio	Lower	Upper	
119	100		
134	26.3	13.3	39.8
91	21.8	11.9	35.7



#95
Naphthalene
Concen: 4.47 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004524.D
Acq: 20 Apr 2021 13:25

Tgt Ion:	128	Resp:	13611
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	12.1	8.8	13.2

