

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004017.D
 Acq On : 11 Feb 2021 21:26
 Operator : SY/MD
 Sample : M1398-05
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCP-SS-5-SOIL

Quant Time: Feb 12 00:14:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	265642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	439880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	400138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185055	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	158075	54.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.24%
35) Dibromofluoromethane	7.722	113	139587	54.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.54%
50) Toluene-d8	10.179	98	530533	52.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.12%
62) 4-Bromofluorobenzene	12.477	95	187653	51.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.00%

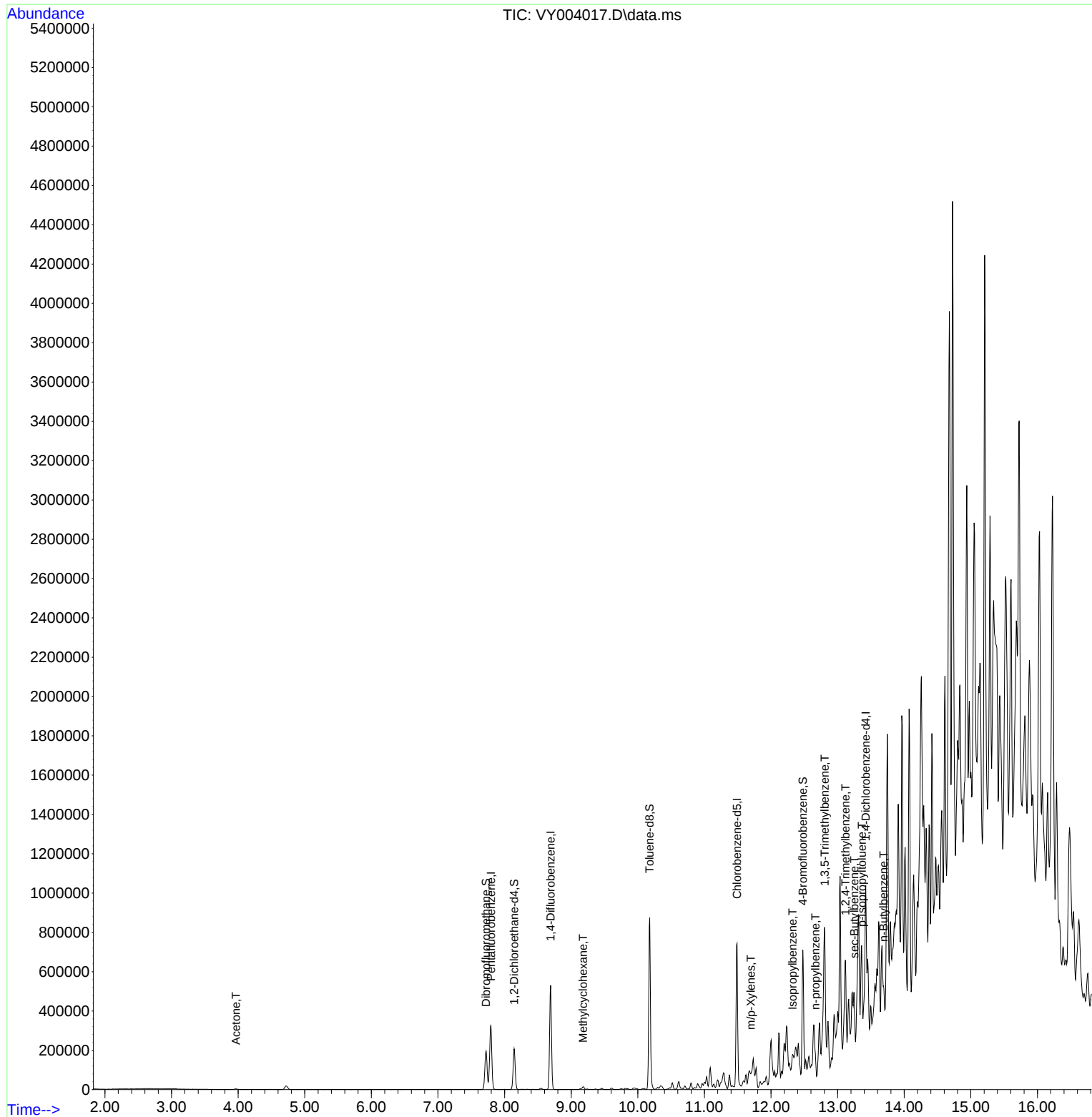
Target Compounds					Qvalue
16) Acetone	3.967	43	5713	7.97	ug/l 95
39) Methylcyclohexane	9.179	83	5668	1.07	ug/l 86
68) m/p-Xylenes	11.697	106	11252	2.00	ug/l 95
73) Isopropylbenzene	12.325	105	23743	1.79	ug/l 96
78) n-propylbenzene	12.666	91	71708	4.55	ug/l 99
80) 1,3,5-Trimethylbenzene	12.806	105	71687	6.31	ug/l 94
84) 1,2,4-Trimethylbenzene	13.117	105	223855	19.65	ug/l 97
85) sec-Butylbenzene	13.251	105	85121	6.50	ug/l 89
86) p-Isopropyltoluene	13.367	119	34056	2.79	ug/l 100
89) n-Butylbenzene	13.690	91	62129	5.48	ug/l # 78

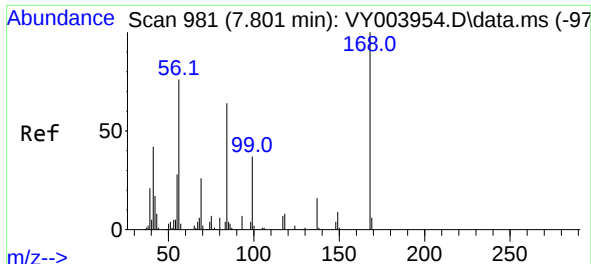
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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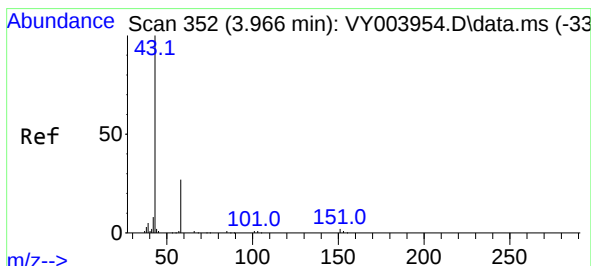
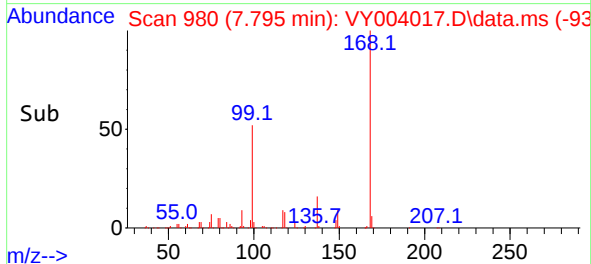
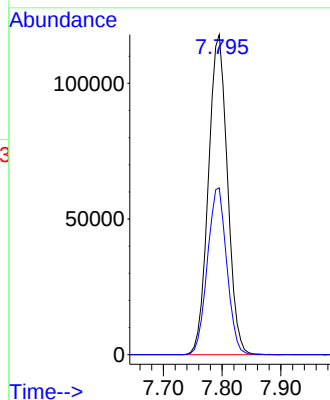
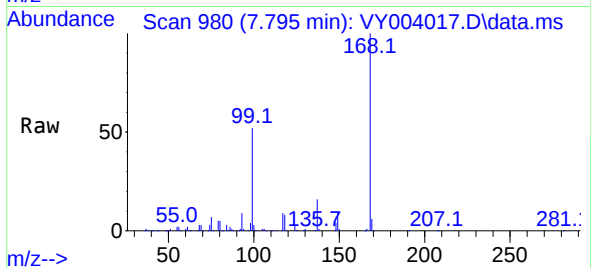




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

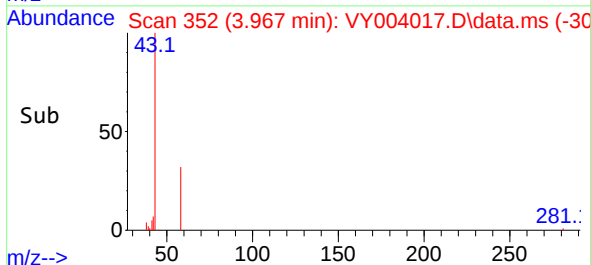
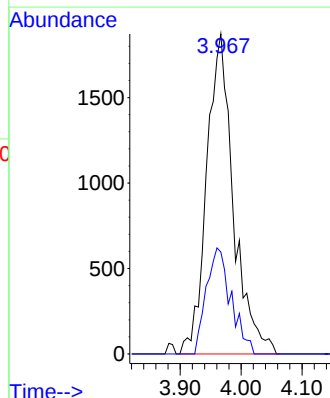
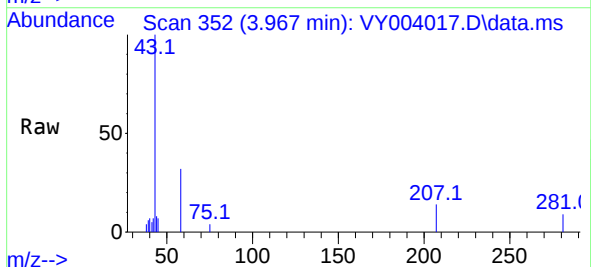
Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-5-SOIL

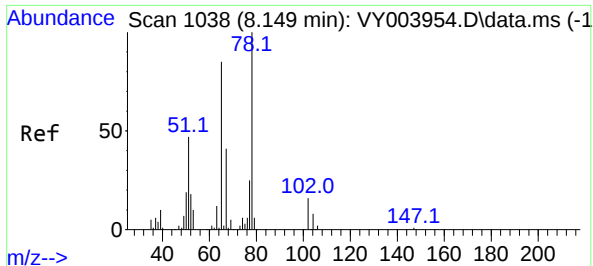
Tgt Ion:168 Resp: 265642
Ion Ratio Lower Upper
168 100
99 52.2 46.1 69.1



#16
Acetone
Concen: 7.97 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion: 43 Resp: 5713
Ion Ratio Lower Upper
43 100
58 31.8 23.4 35.0

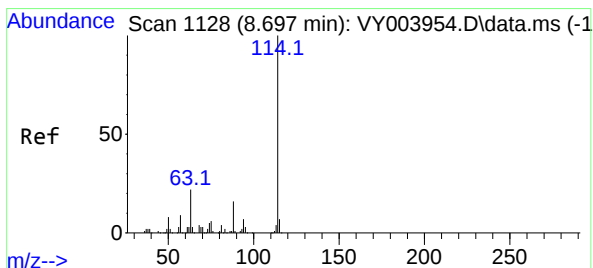
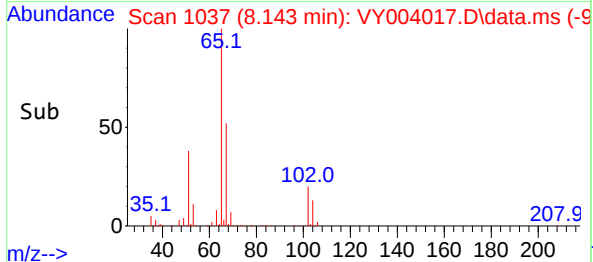
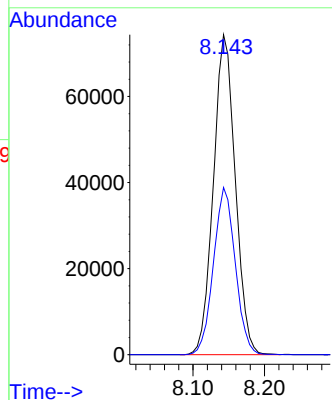
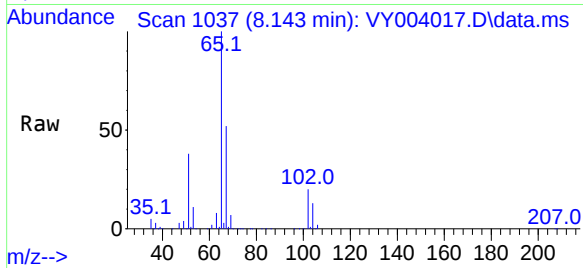




#33
1,2-Dichloroethane-d4
Concen: 54.12 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

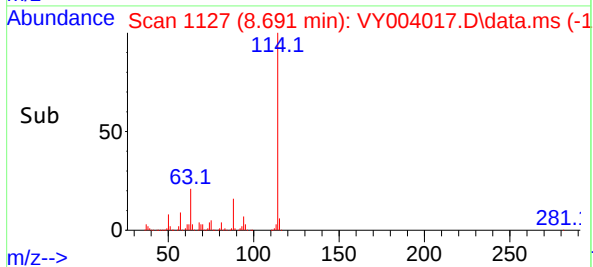
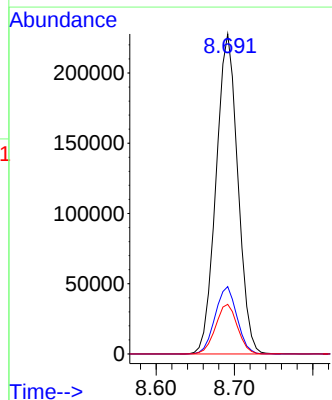
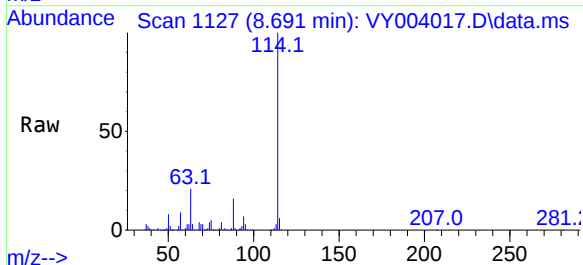
Instrument :
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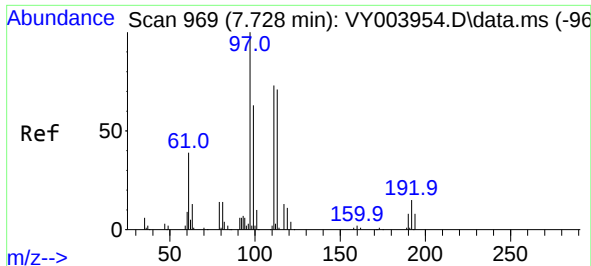
Tgt Ion: 65 Resp: 158075
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion:114 Resp: 439880
Ion Ratio Lower Upper
114 100
63 21.0 0.0 47.2
88 15.5 0.0 30.2

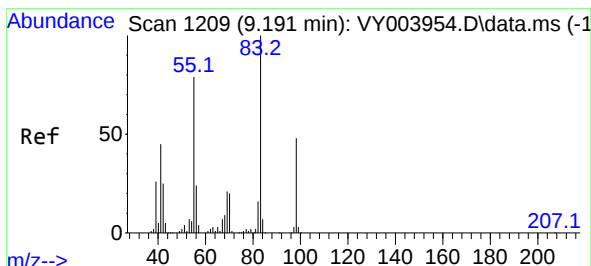
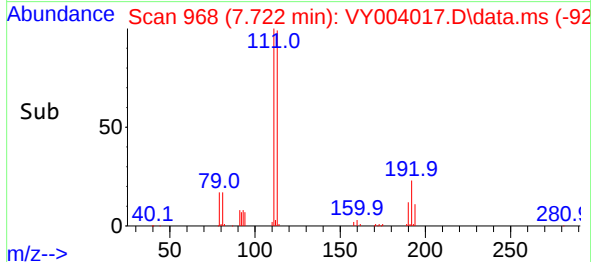
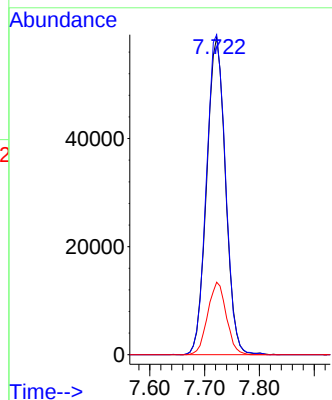
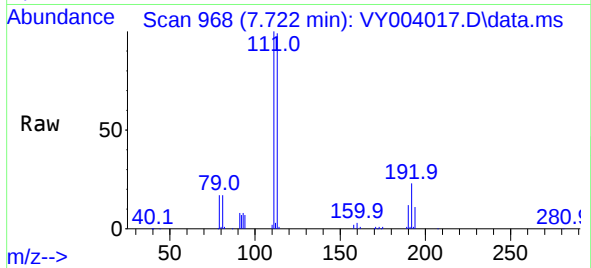




#35
Dibromofluoromethane
Concen: 54.27 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

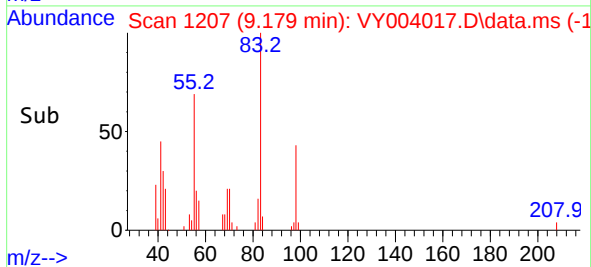
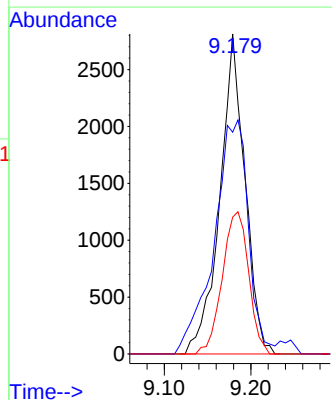
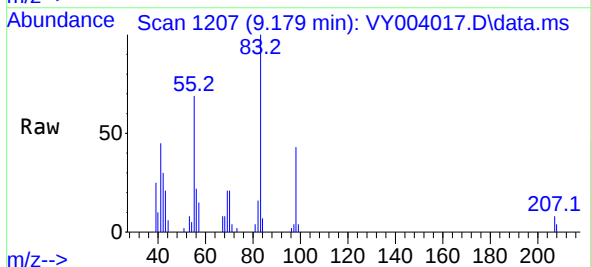
Instrument :
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VCP-SS-5-SOIL

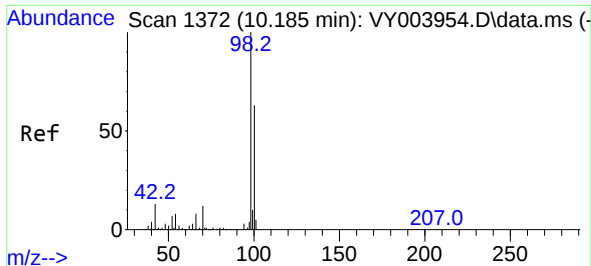
Tgt Ion:113 Resp: 139587
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 22.5 18.3 27.5



#39
Methylcyclohexane
Concen: 1.07 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.012 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion: 83 Resp: 5668
Ion Ratio Lower Upper
83 100
55 66.5 65.8 98.6
98 42.8 38.3 57.5

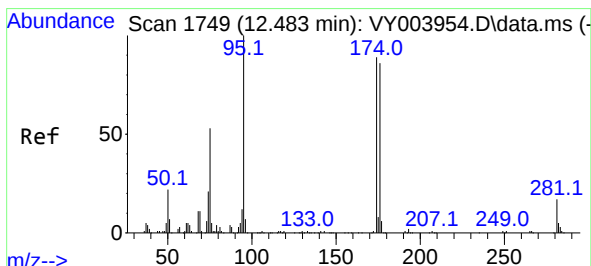
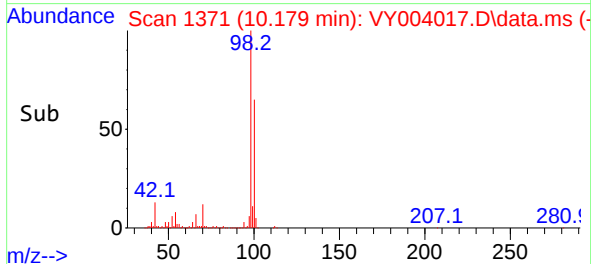
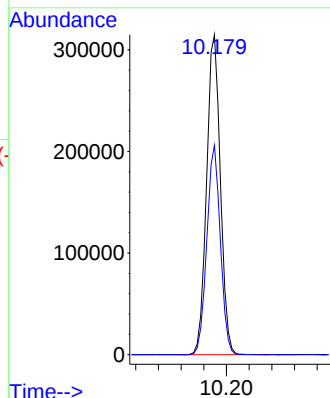
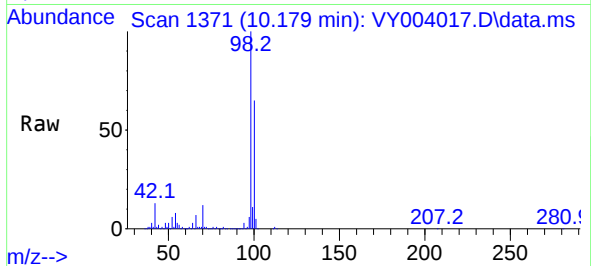




#50
Toluene-d8
Concen: 52.56 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

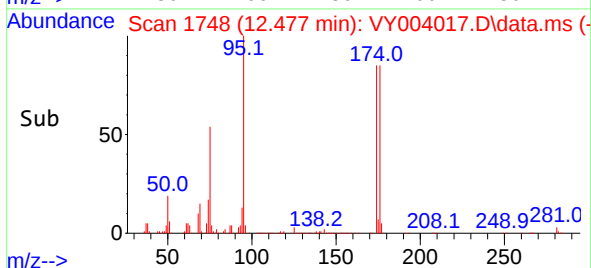
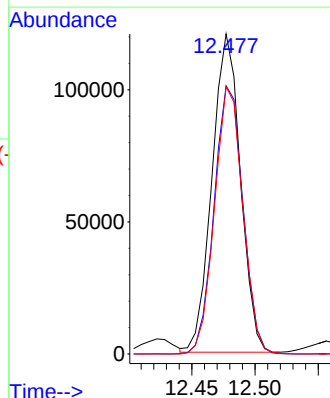
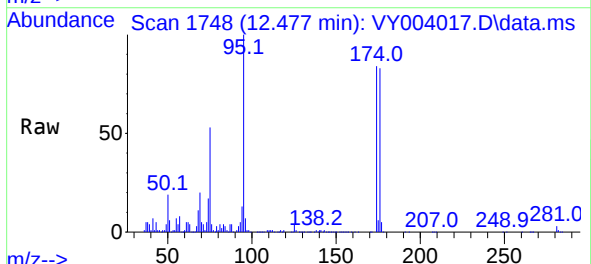
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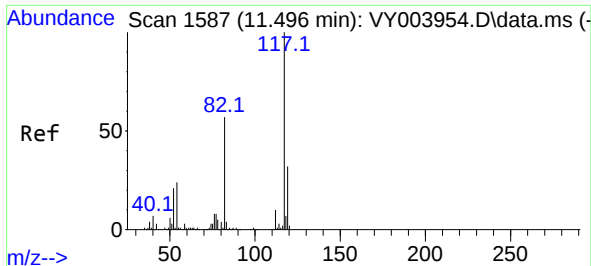
Tgt Ion: 98 Resp: 530533
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.00 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion: 95 Resp: 187653
Ion Ratio Lower Upper
95 100
174 85.5 0.0 184.4
176 83.6 0.0 177.2

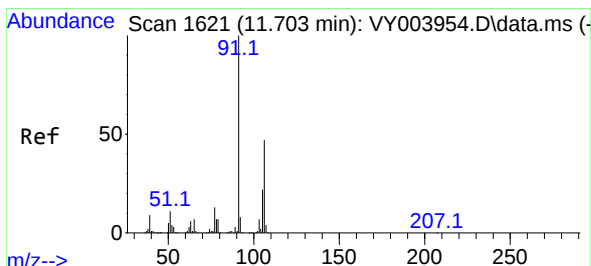
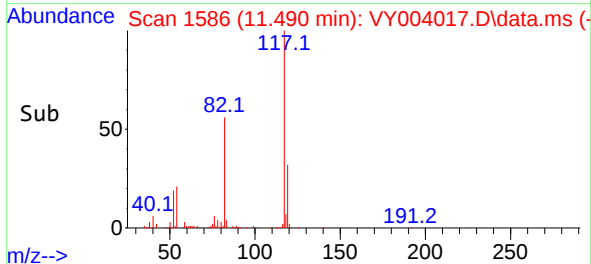
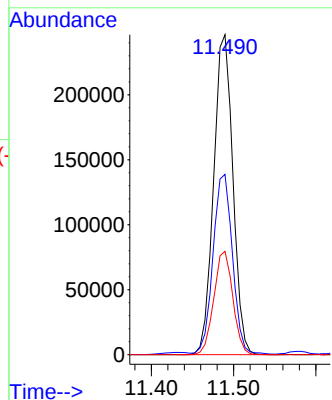
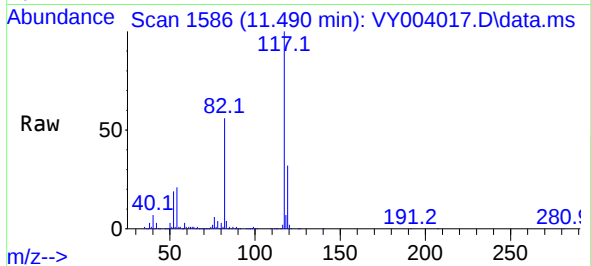




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

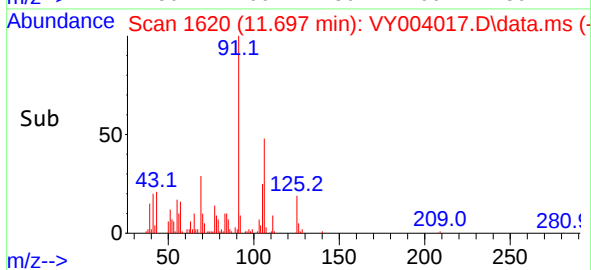
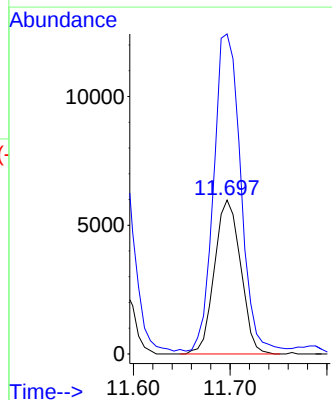
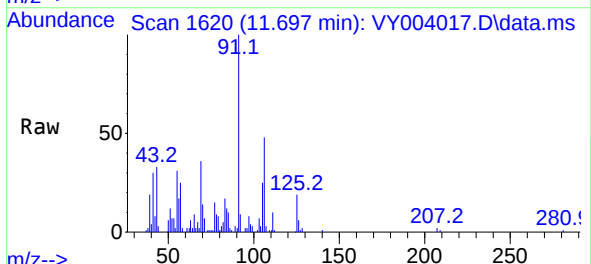
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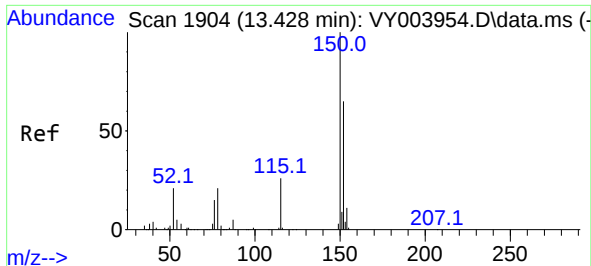
Tgt Ion:117 Resp: 400138
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.3 25.0 37.6



#68
m/p-Xylenes
Concen: 2.00 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion:106 Resp: 11252
Ion Ratio Lower Upper
106 100
91 217.3 167.1 250.7

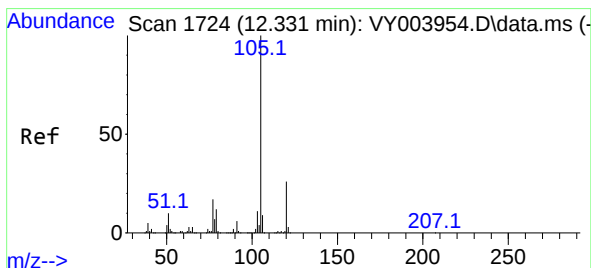
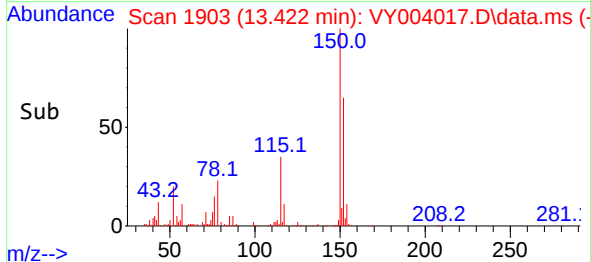
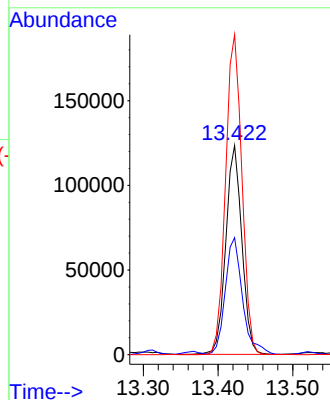
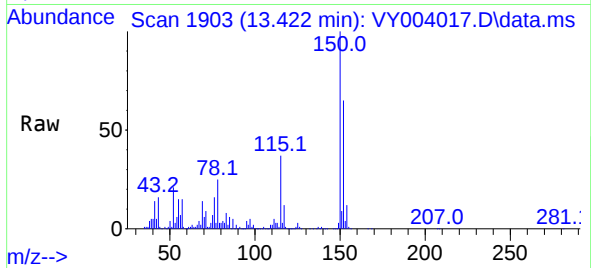




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

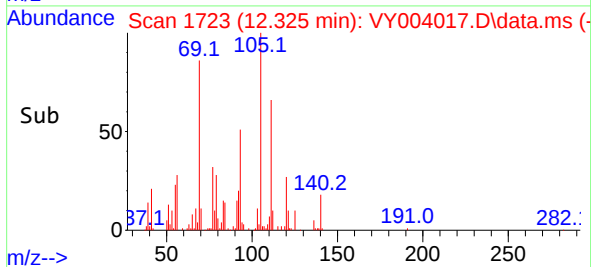
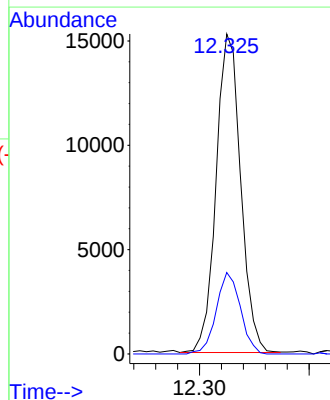
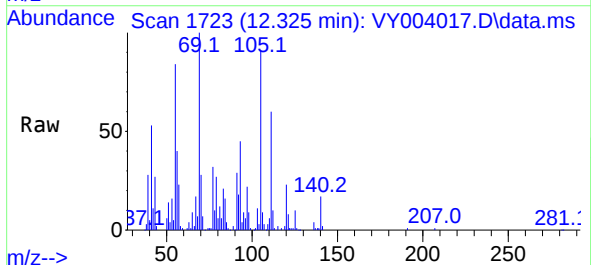
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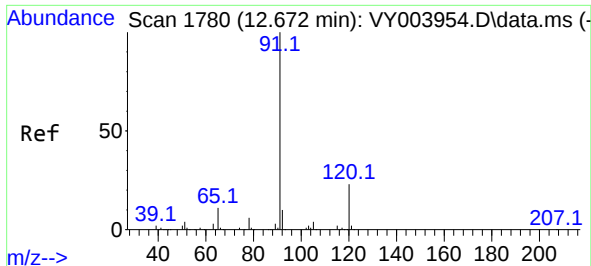
Tgt Ion:152 Resp: 185055
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.6
150 155.3 0.0 356.2



#73
Isopropylbenzene
Concen: 1.79 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion:105 Resp: 23743
Ion Ratio Lower Upper
105 100
120 25.1 13.6 40.8

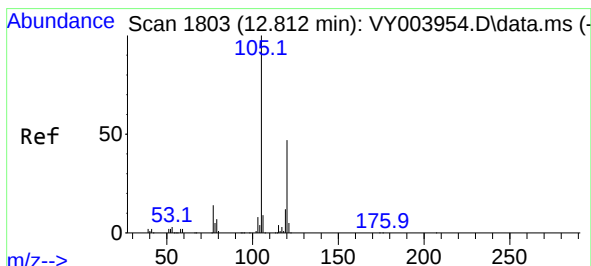
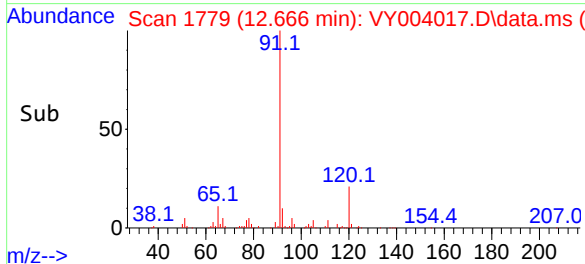
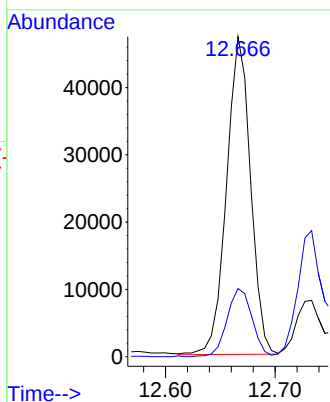
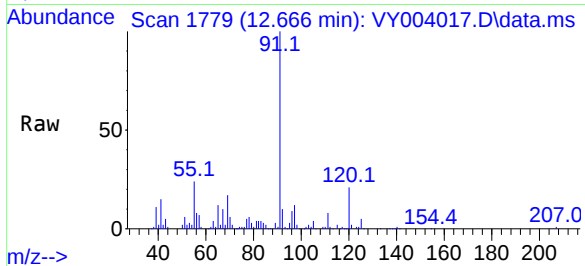




#78
n-propylbenzene
Concen: 4.55 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

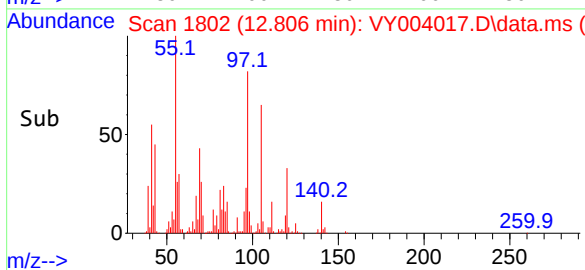
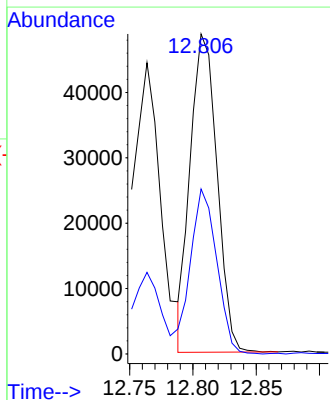
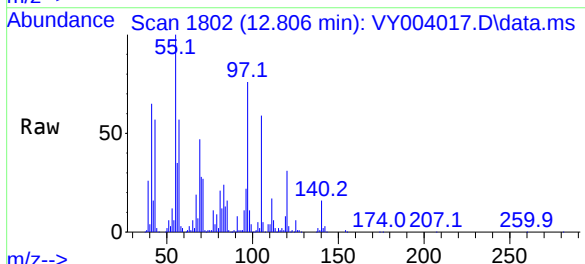
Instrument :
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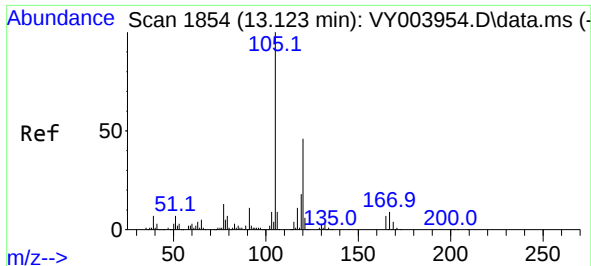
Tgt Ion: 91 Resp: 71708
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.2



#80
1,3,5-Trimethylbenzene
Concen: 6.31 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion: 105 Resp: 71687
Ion Ratio Lower Upper
105 100
120 51.9 23.9 71.7

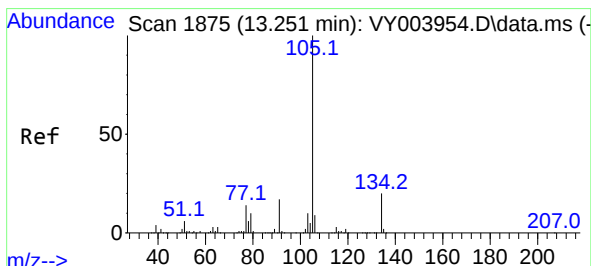
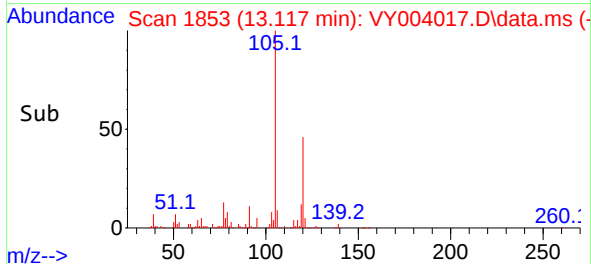
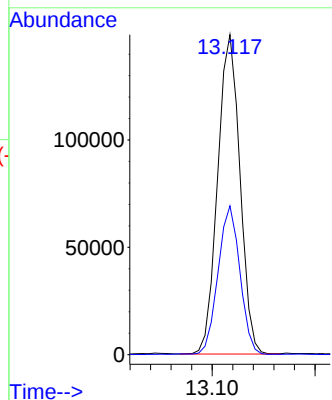
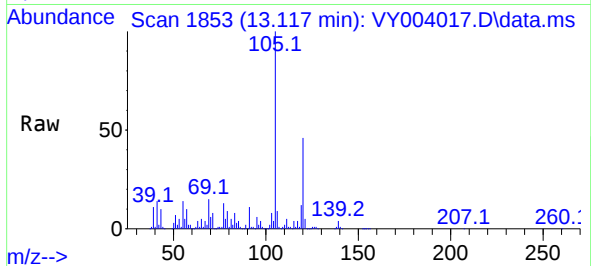




#84
1,2,4-Trimethylbenzene
Concen: 19.65 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

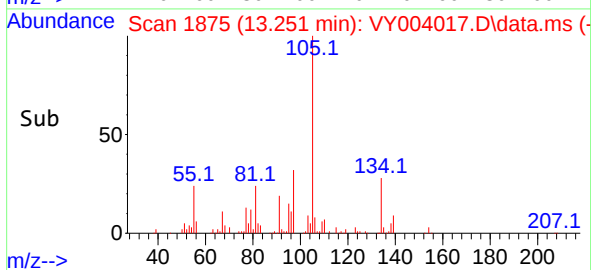
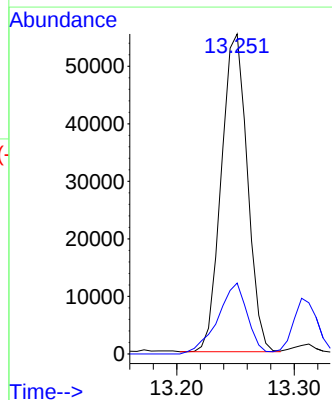
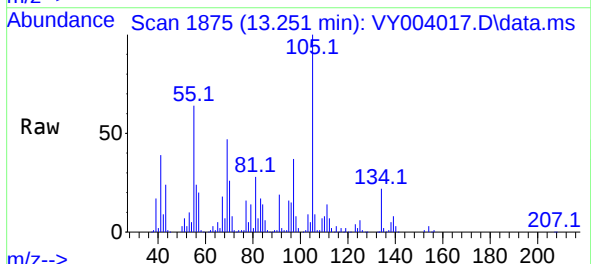
Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-5-SOIL

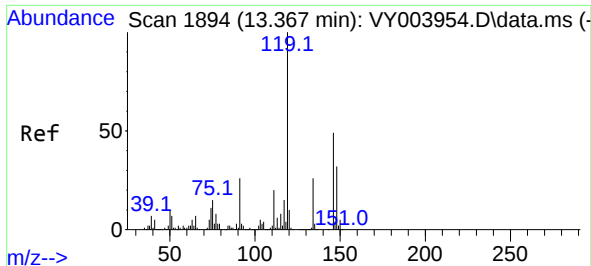
Tgt Ion:105 Resp: 223855
Ion Ratio Lower Upper
105 100
120 46.2 22.2 66.6



#85
sec-Butylbenzene
Concen: 6.50 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion:105 Resp: 85121
Ion Ratio Lower Upper
105 100
134 25.6 10.2 30.6

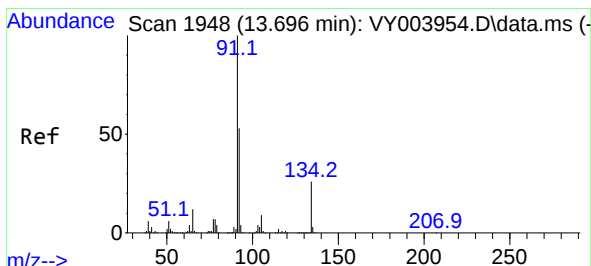
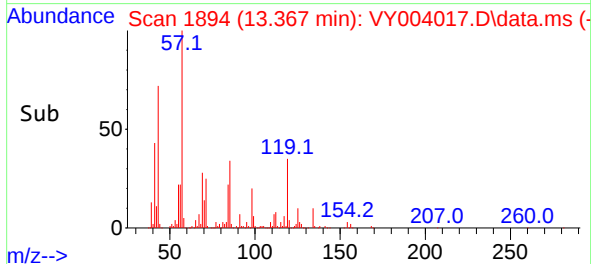
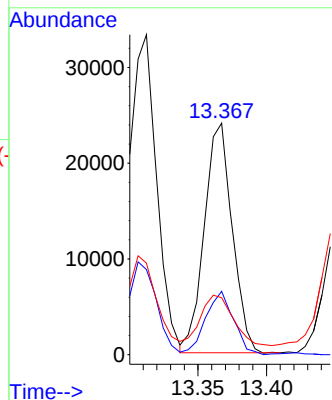
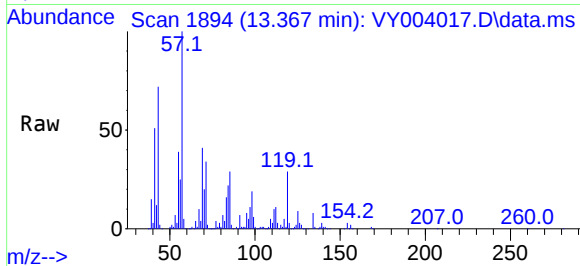




#86
p-Isopropyltoluene
Concen: 2.79 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-5-SOIL

Tgt Ion:	119	Resp:	34056
Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.5
91	25.3	12.8	38.3



#89
n-Butylbenzene
Concen: 5.48 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY004017.D
Acq: 11 Feb 2021 21:26

Tgt Ion:	91	Resp:	62129
Ion	Ratio	Lower	Upper
91	100		
92	57.9	26.4	79.2
134	0.0	13.2	39.5

