

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
 Data File : VD068447.D
 Acq On : 25 Feb 2021 17:03
 Operator : VA/SY
 Sample : M1503-01
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SEDGWICK-AVE

Quant Time: Feb 26 00:29:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

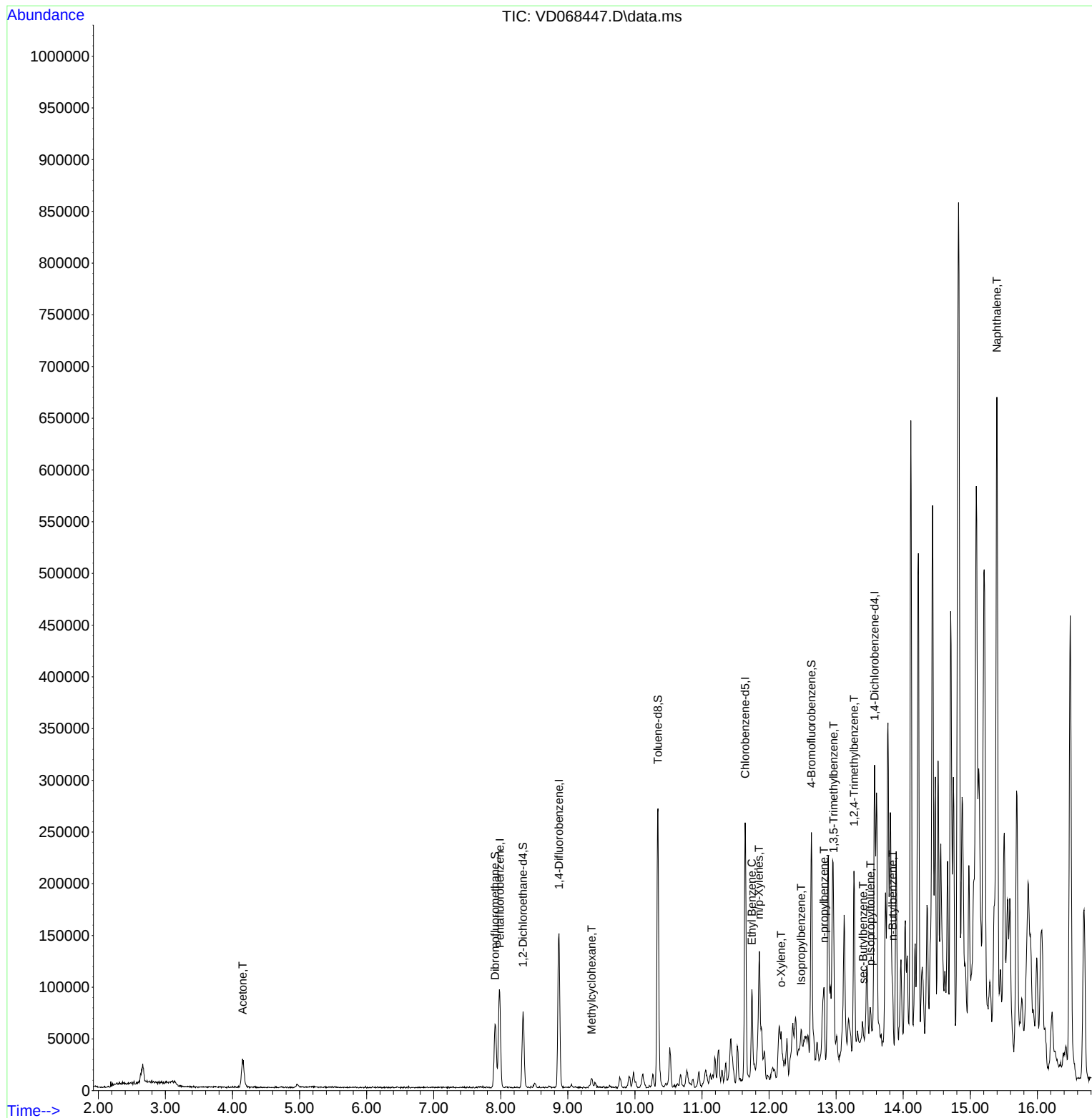
Internal Standards						
1) Pentafluorobenzene	7.985	168	73478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	133839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	145472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	73210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	56509	75.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.46%
35) Dibromofluoromethane	7.914	113	45898	57.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.56%
50) Toluene-d8	10.344	98	179229	54.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.86%
62) 4-Bromofluorobenzene	12.632	95	72124	67.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	134.48%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	46630	402.36	ug/l	98
39) Methylcyclohexane	9.355	83	2584	1.78	ug/l #	79
67) Ethyl Benzene	11.744	91	57136	11.39	ug/l	96
68) m/p-Xylenes	11.849	106	15187	8.01	ug/l	94
69) o-Xylene	12.179	106	6896	3.97	ug/l	64
73) Isopropylbenzene	12.479	105	17427	3.26	ug/l	96
78) n-propylbenzene	12.820	91	53301	8.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	47964	10.98	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	102098	23.45	ug/l	99
85) sec-Butylbenzene	13.402	105	11908	2.25	ug/l #	43
86) p-Isopropyltoluene	13.514	119	19265	4.05	ug/l	96
89) n-Butylbenzene	13.843	91	31213	6.72	ug/l #	79
95) Naphthalene	15.396	128	501946	205.71	ug/l	99

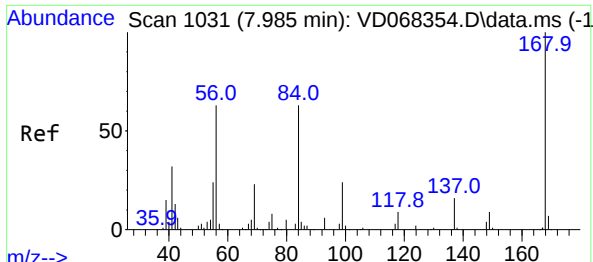
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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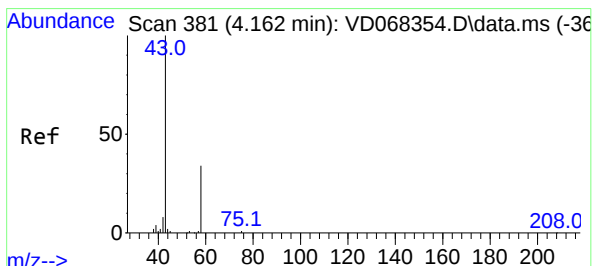
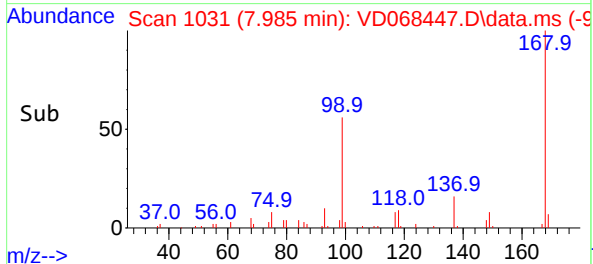
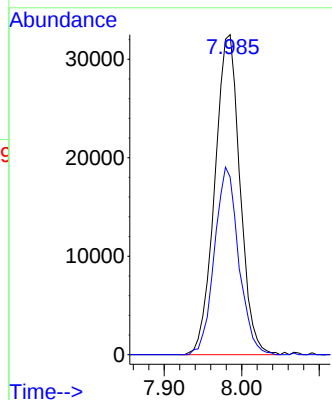
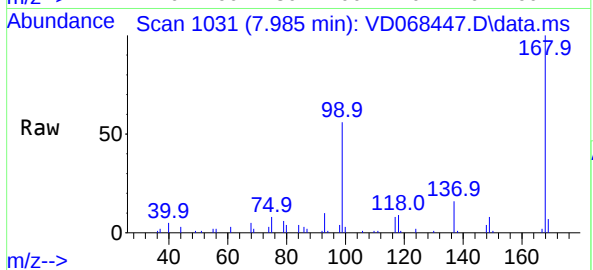




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

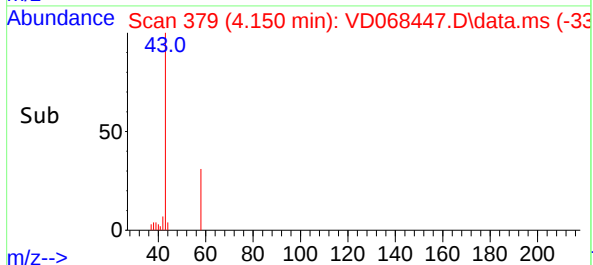
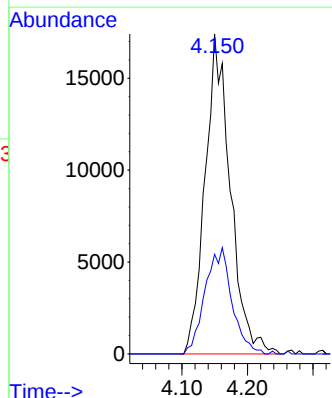
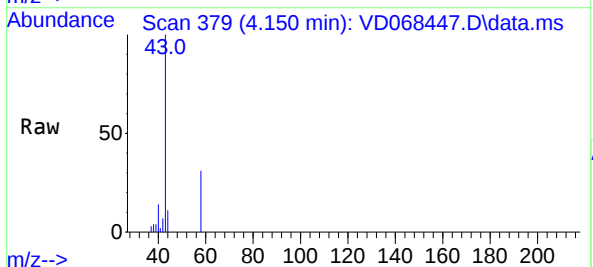
Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

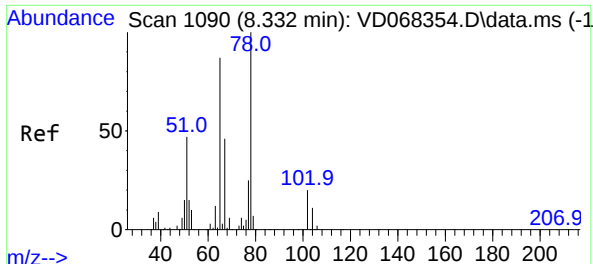
Tgt Ion:168 Resp: 73478
Ion Ratio Lower Upper
168 100
99 55.5 43.5 65.3



#16
Acetone
Concen: 402.36 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 43 Resp: 46630
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.4

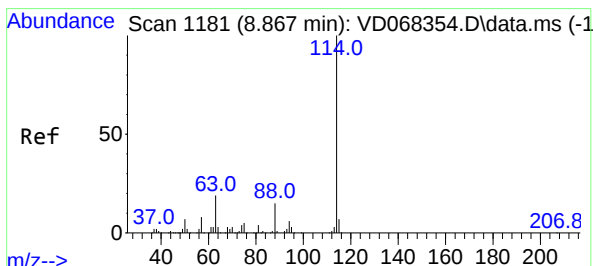
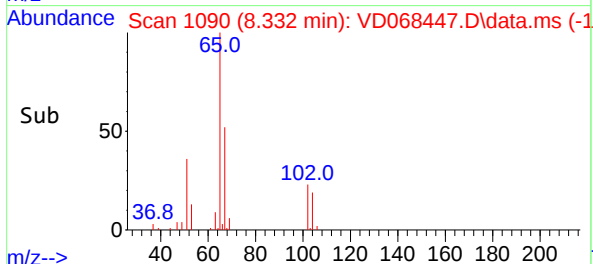
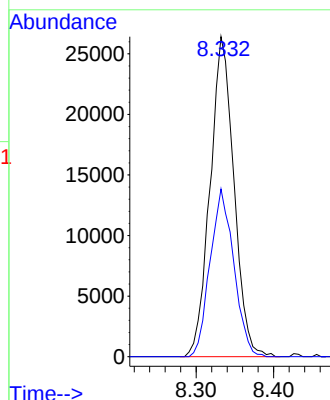
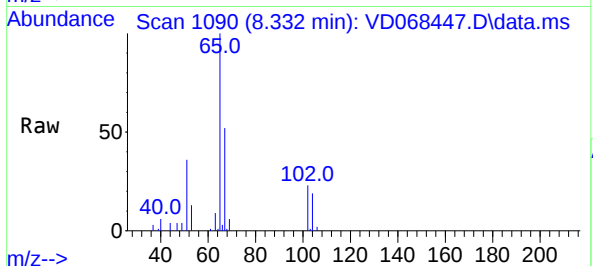




#33
1,2-Dichloroethane-d4
Concen: 75.23 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

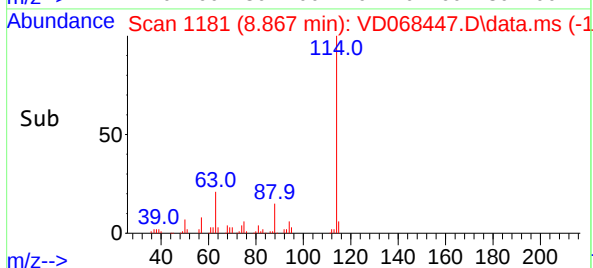
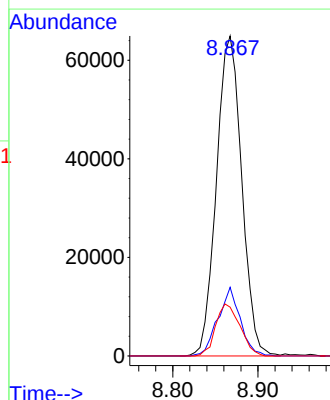
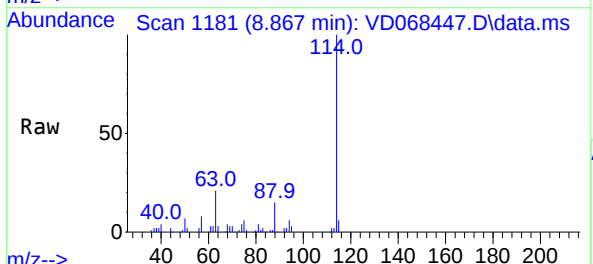
Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

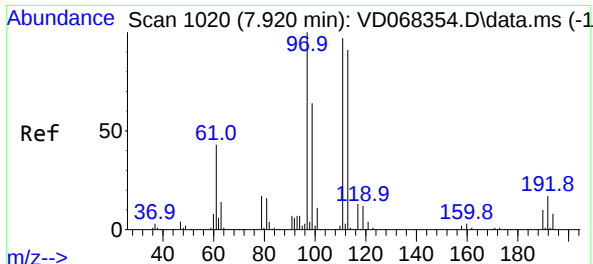
Tgt Ion: 65 Resp: 56509
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 114 Resp: 133839
Ion Ratio Lower Upper
114 100
63 21.4 0.0 34.8
88 15.3 0.0 31.6

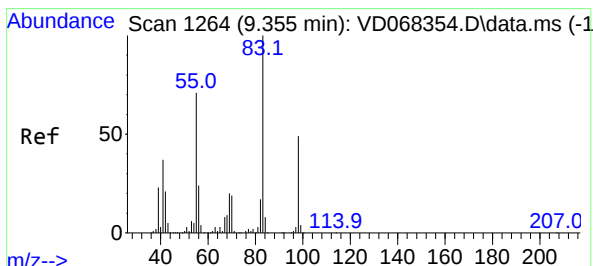
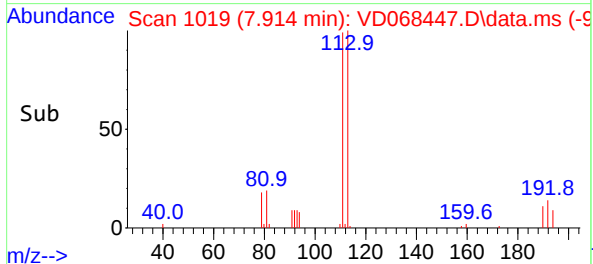
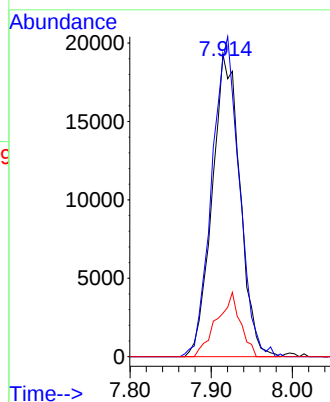
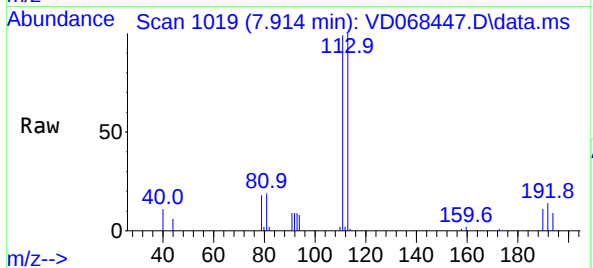




#35
Dibromofluoromethane
Concen: 57.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

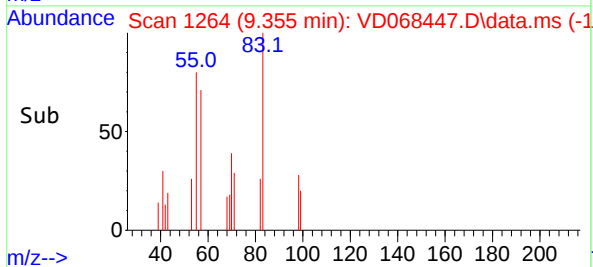
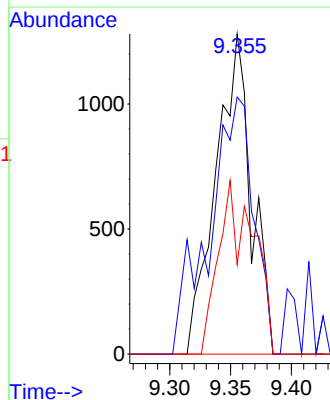
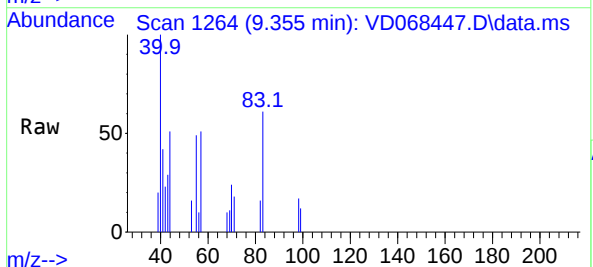
Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

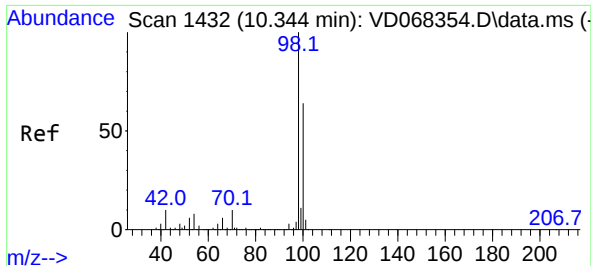
Tgt Ion:113 Resp: 45898
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 18.1 16.1 24.1



#39
Methylcyclohexane
Concen: 1.78 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 83 Resp: 2584
Ion Ratio Lower Upper
83 100
55 80.3 55.2 82.8
98 28.0 39.1 58.7#

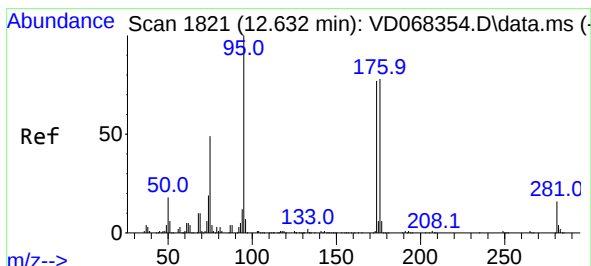
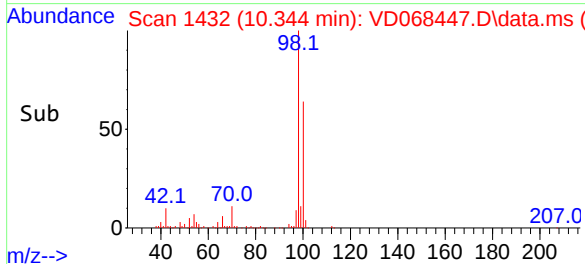
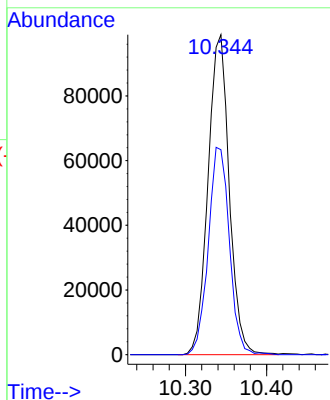
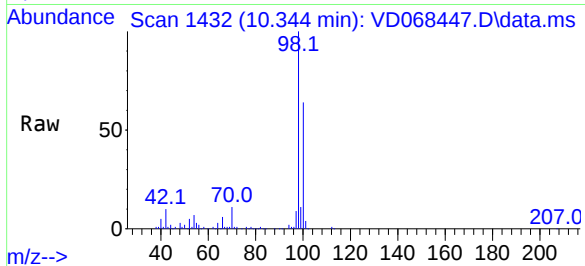




#50
Toluene-d8
Concen: 54.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

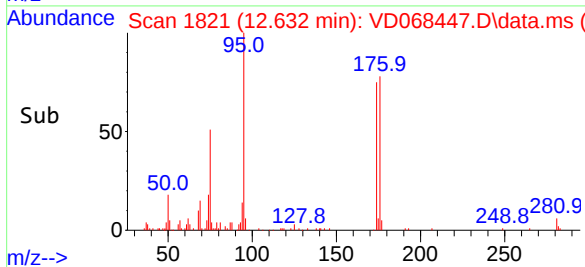
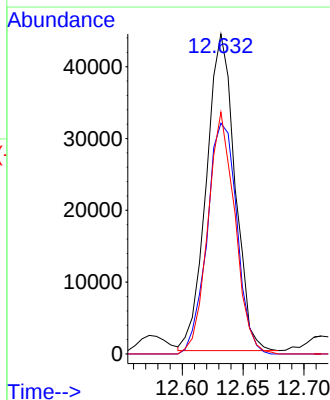
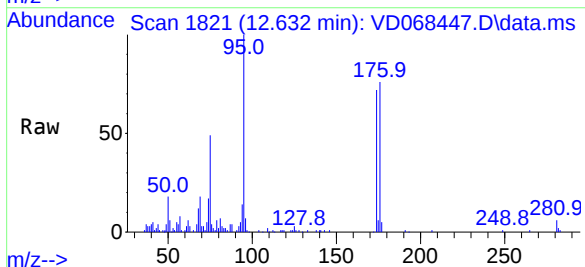
Instrument :
MSVOA_D
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SEDGWICK-AVE

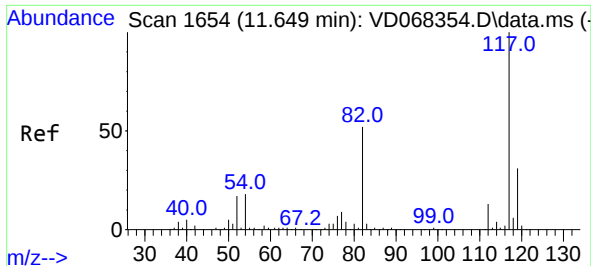
Tgt Ion: 98 Resp: 179229
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 67.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 95 Resp: 72124
Ion Ratio Lower Upper
95 100
174 76.0 0.0 172.4
176 72.0 0.0 168.4

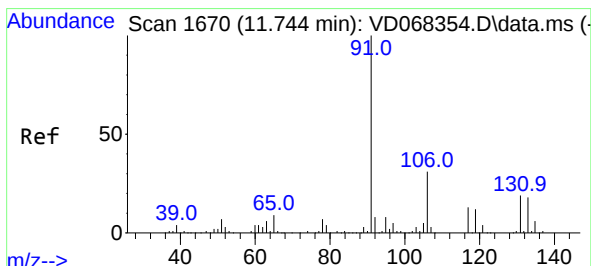
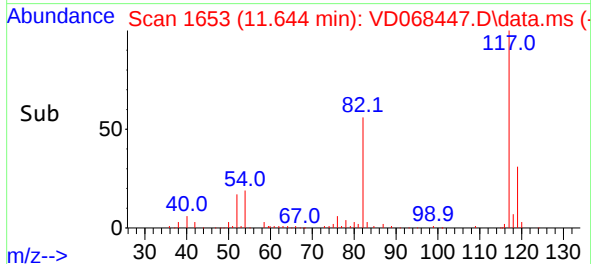
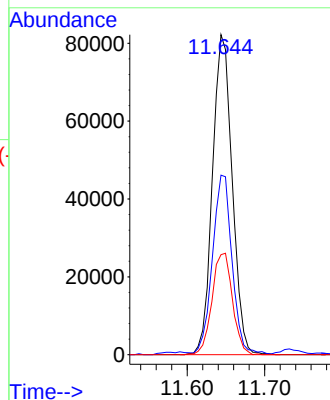
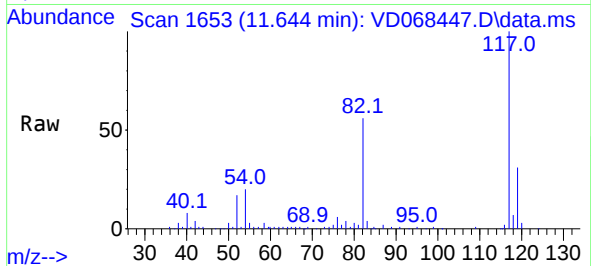




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

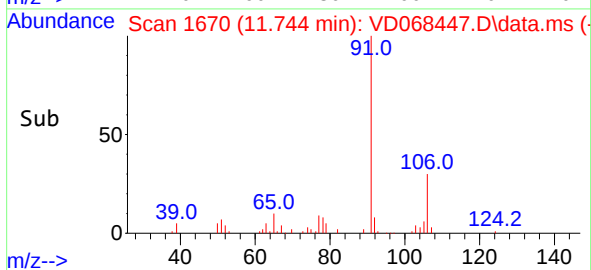
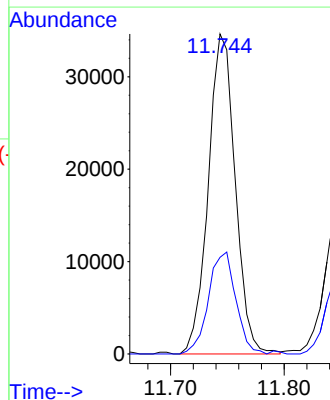
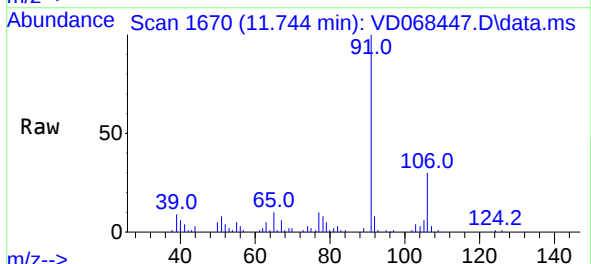
Instrument :
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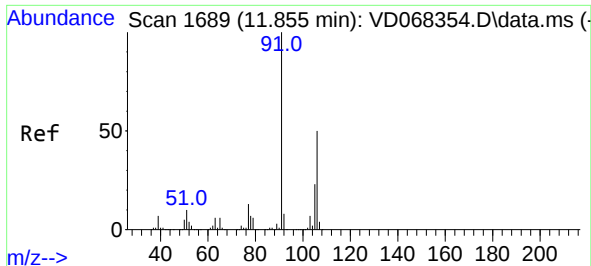
Tgt Ion:117 Resp: 145472
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 31.3 26.1 39.1



#67
Ethyl Benzene
Concen: 11.39 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 91 Resp: 57136
Ion Ratio Lower Upper
91 100
106 30.2 25.9 38.9

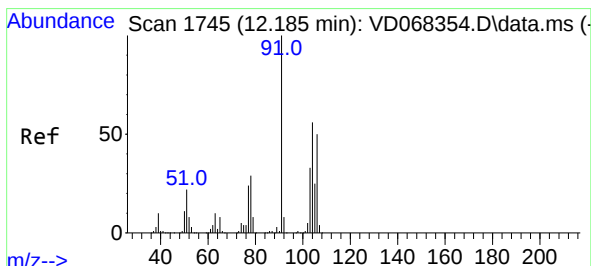
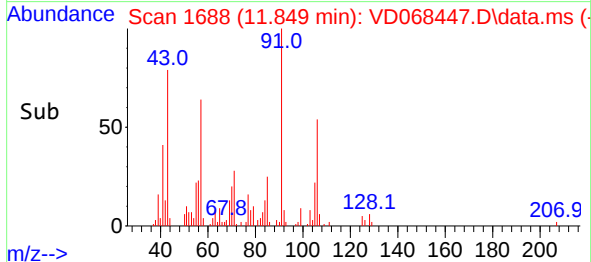
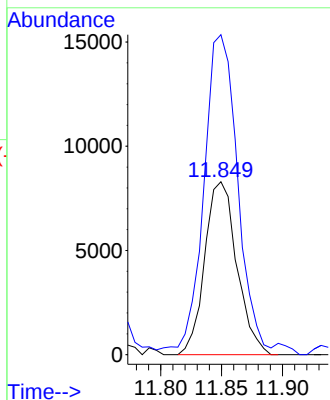
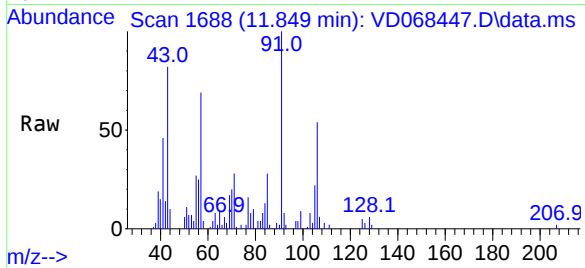




#68
m/p-Xylenes
Concen: 8.01 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

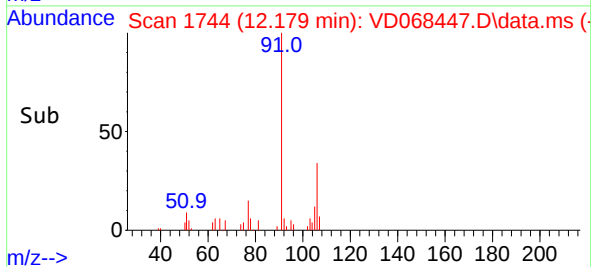
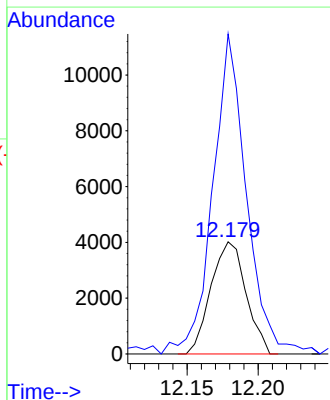
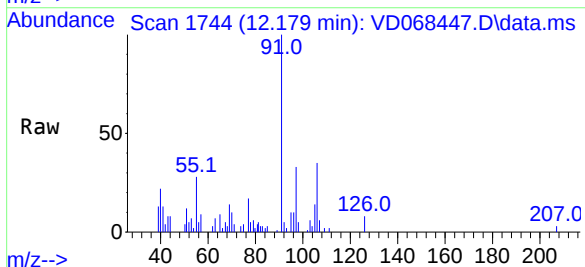
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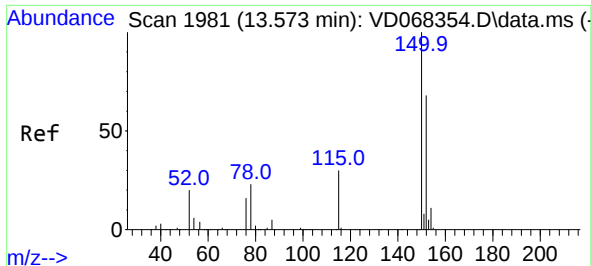
Tgt Ion:106 Resp: 15187
Ion Ratio Lower Upper
106 100
91 189.1 159.1 238.7



#69
o-Xylene
Concen: 3.97 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion:106 Resp: 6896
Ion Ratio Lower Upper
106 100
91 275.0 108.7 325.9

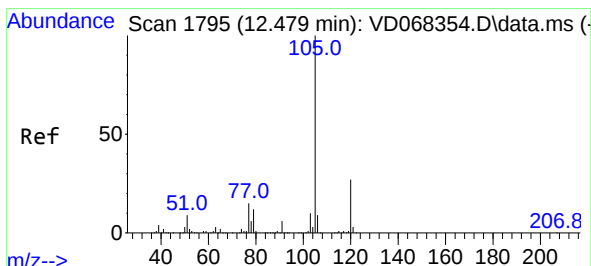
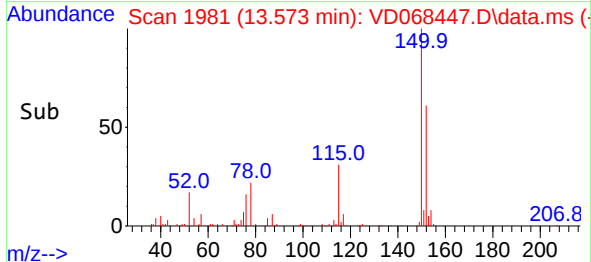
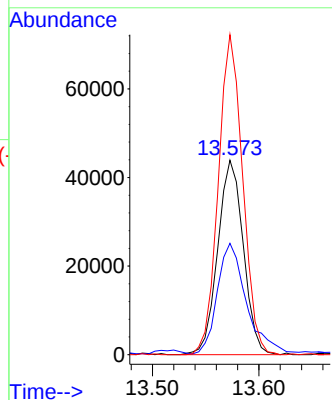
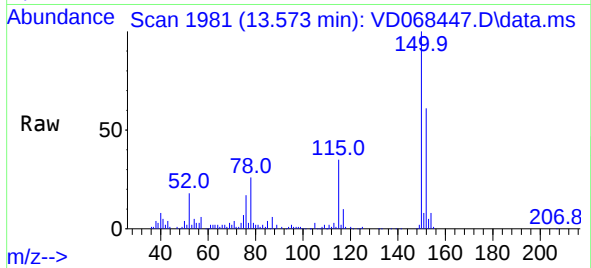




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

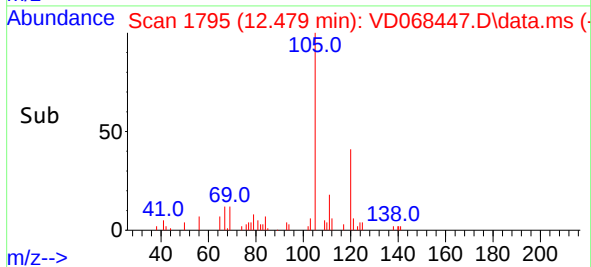
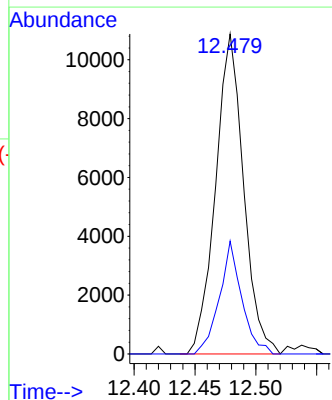
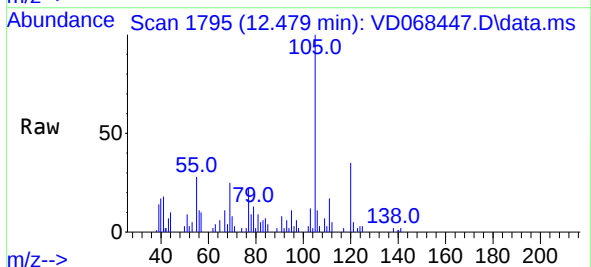
Instrument :
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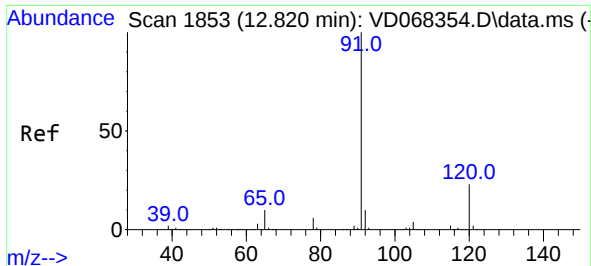
Tgt Ion:152 Resp: 73210
Ion Ratio Lower Upper
152 100
115 64.6 28.9 86.8
150 156.8 0.0 344.4



#73
Isopropylbenzene
Concen: 3.26 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion:105 Resp: 17427
Ion Ratio Lower Upper
105 100
120 28.2 13.2 39.6

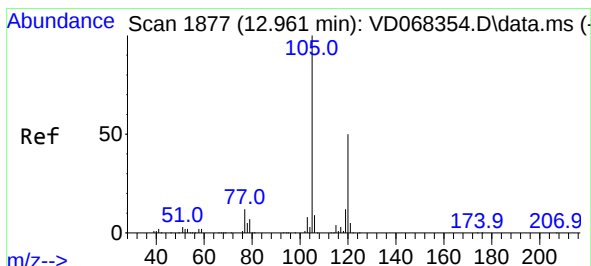
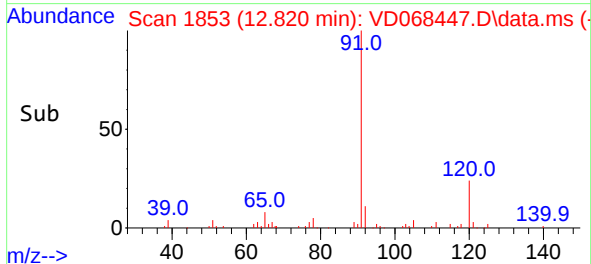
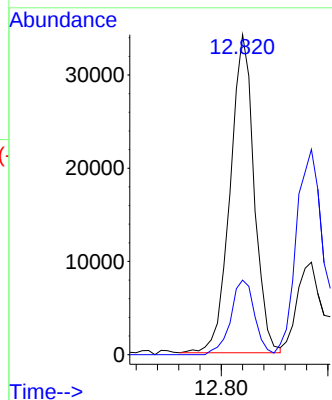
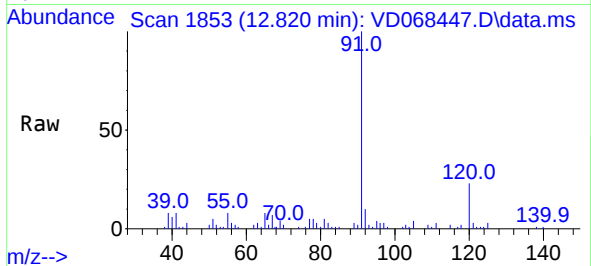




#78
n-propylbenzene
Concen: 8.33 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

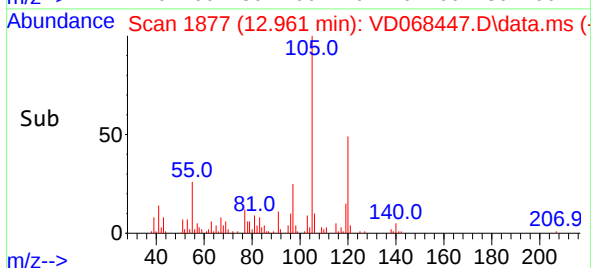
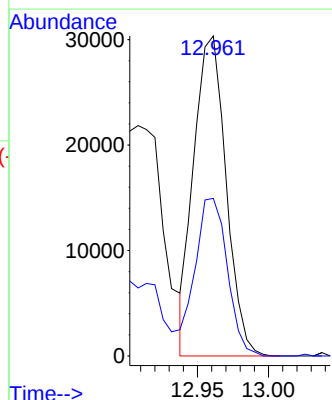
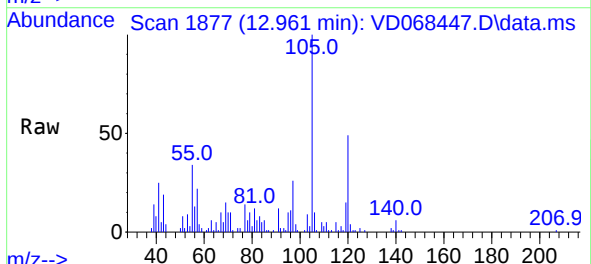
Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

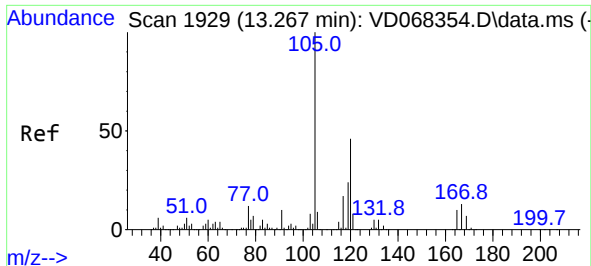
Tgt Ion: 91 Resp: 53301
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 10.98 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 105 Resp: 47964
Ion Ratio Lower Upper
105 100
120 50.6 24.2 72.6

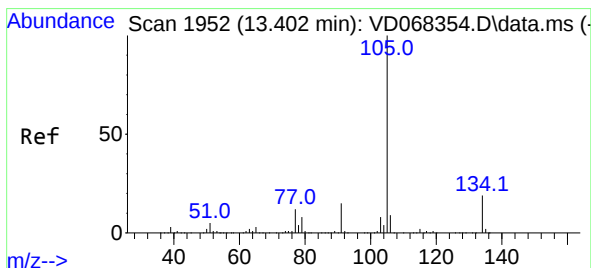
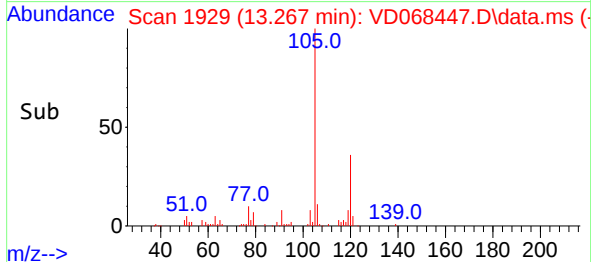
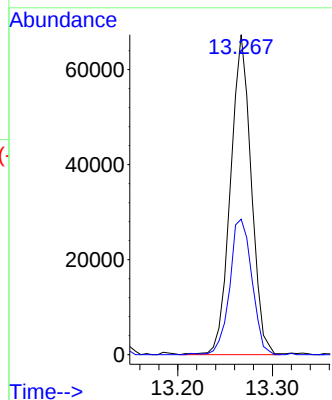
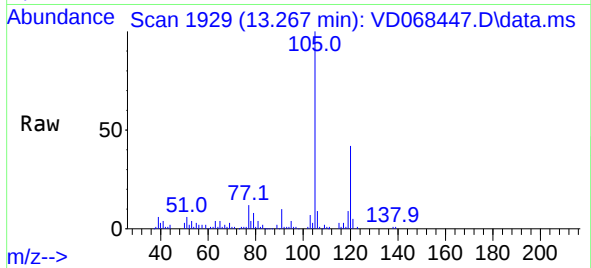




#84
1,2,4-Trimethylbenzene
Concen: 23.45 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

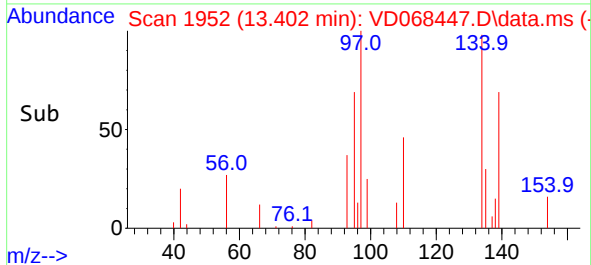
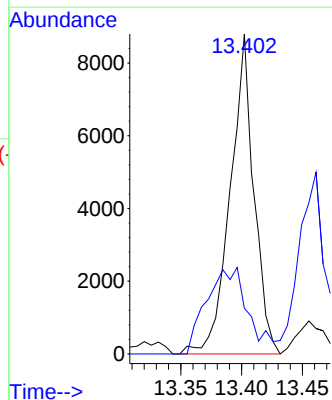
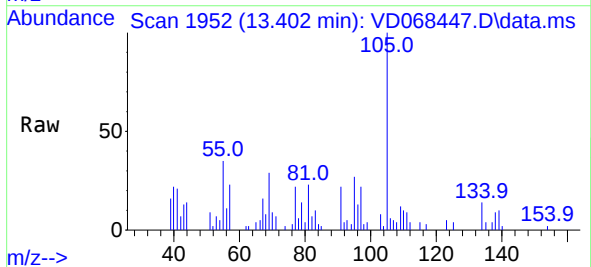
Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

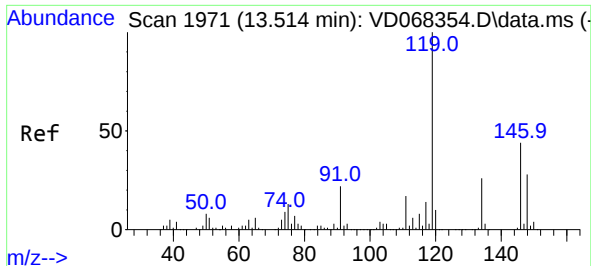
Tgt Ion:105 Resp: 102098
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0



#85
sec-Butylbenzene
Concen: 2.25 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion:105 Resp: 11908
Ion Ratio Lower Upper
105 100
134 47.0 10.3 30.9#



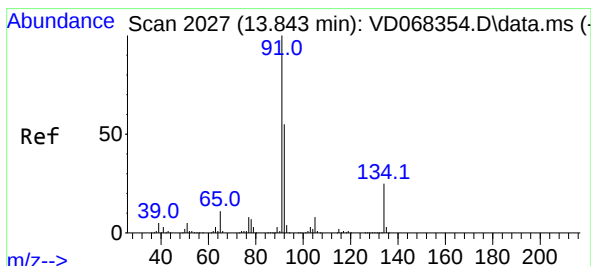
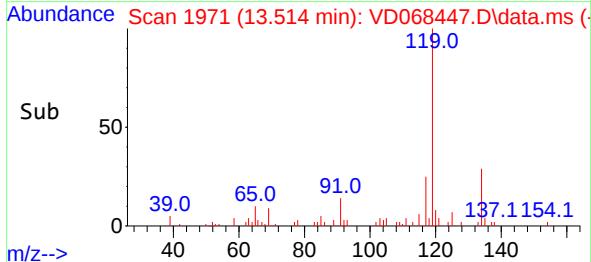
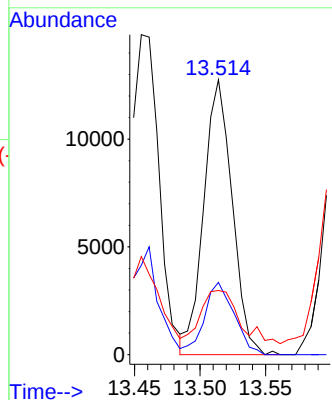
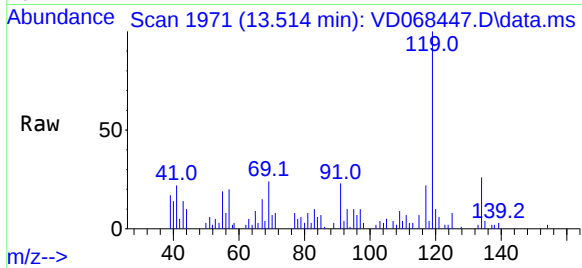


#86
p-Isopropyltoluene
Concen: 4.05 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

Tgt Ion:119 Resp: 19265

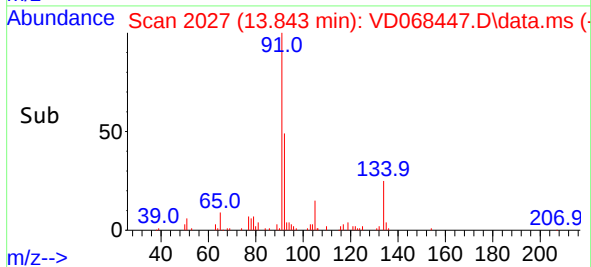
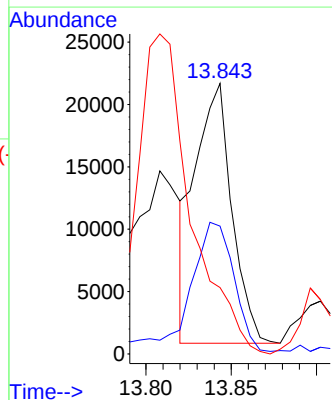
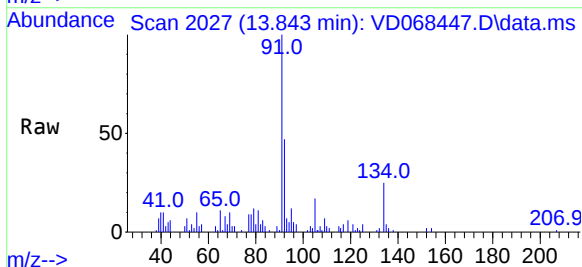
Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.9	38.7
91	25.8	11.7	35.0

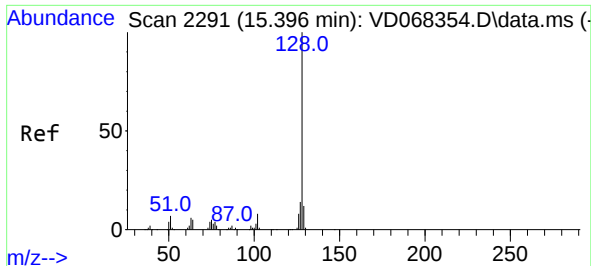


#89
n-Butylbenzene
Concen: 6.72 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Tgt Ion: 91 Resp: 31213

Ion	Ratio	Lower	Upper
91	100		
92	57.8	27.2	81.6
134	0.0	13.9	41.7#





#95
Naphthalene
Concen: 205.71 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068447.D
Acq: 25 Feb 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :
SEDGWICK-AVE

Tgt Ion:	128	Resp:	501946
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.4	8.8	13.2

