

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068985.D
 Acq On : 26 Apr 2021 13:39
 Operator : VA/SY
 Sample : M2183-01
 Misc : 7.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16A-15-COMP

Quant Time: Apr 27 07:12:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

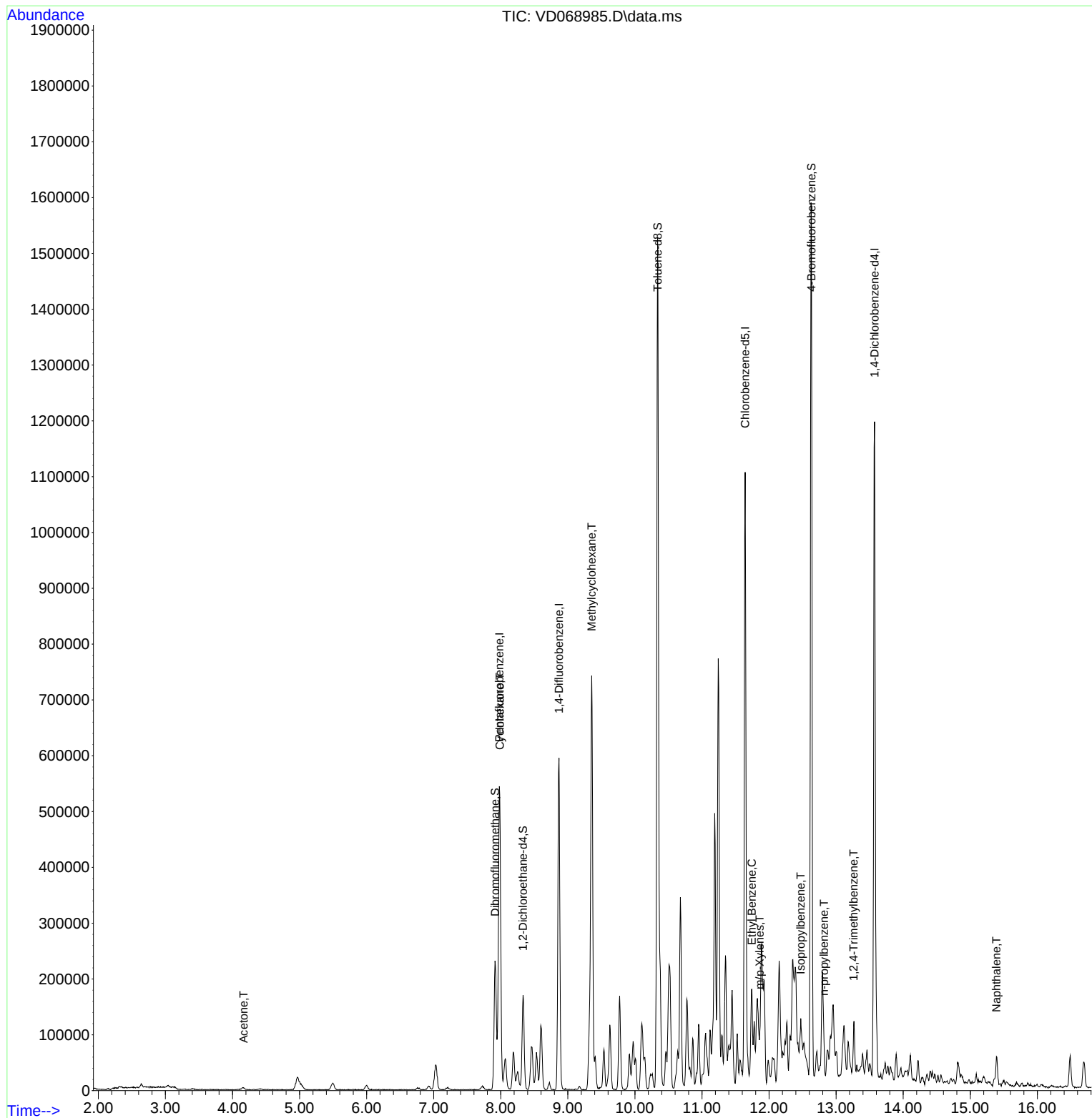
Internal Standards						
1) Pentafluorobenzene	7.979	168	334939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	554256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	662432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	333300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132035	37.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.60%		
35) Dibromofluoromethane	7.914	113	166968	46.31	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.62%		
50) Toluene-d8	10.338	98	757070	55.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	111.34%		
62) 4-Bromofluorobenzene	12.632	95	313567	69.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	138.84%		
Target Compounds					Qvalue	
16) Acetone	4.167	43	6499	13.26	ug/l	93
31) Cyclohexane	7.985	56	67233	11.41	ug/l #	84
39) Methylcyclohexane	9.355	83	343164	52.45	ug/l	96
67) Ethyl Benzene	11.743	91	86502	3.48	ug/l	100
68) m/p-Xylenes	11.861	106	14782	1.54	ug/l	96
73) Isopropylbenzene	12.473	105	39618	1.63	ug/l	98
78) n-propylbenzene	12.820	91	44085	1.49	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	54632	2.66	ug/l	99
95) Naphthalene	15.390	128	47439	4.39	ug/l	96

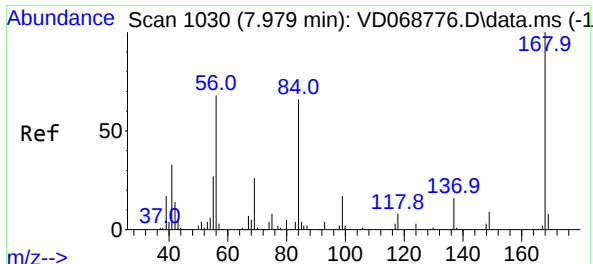
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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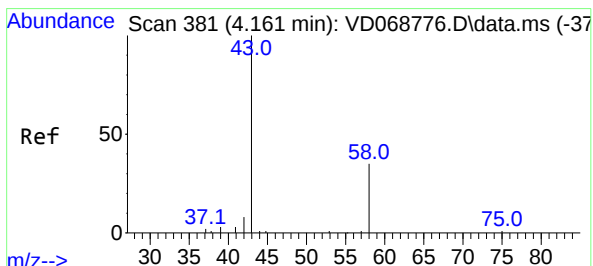
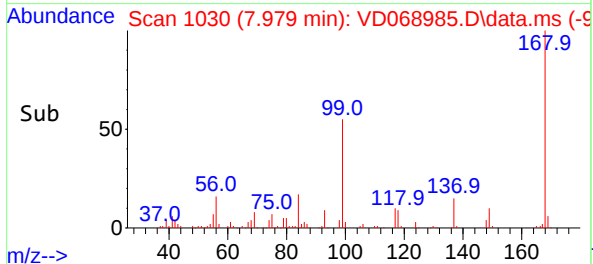
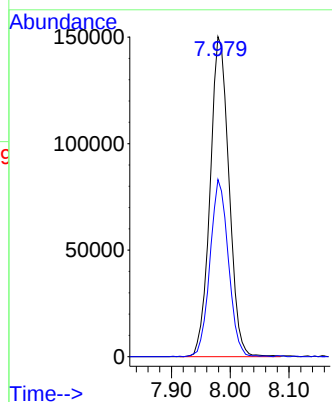
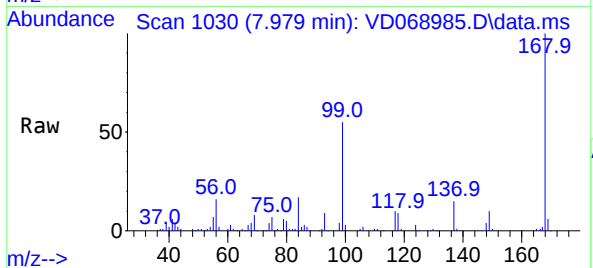




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

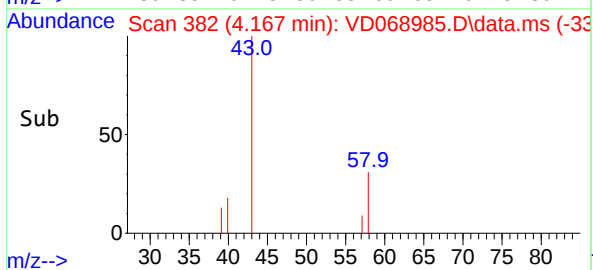
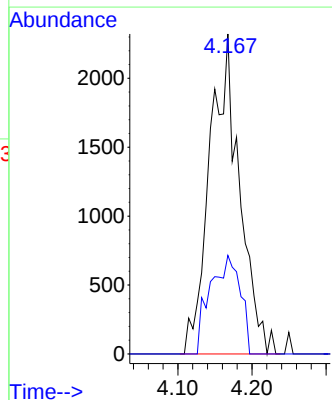
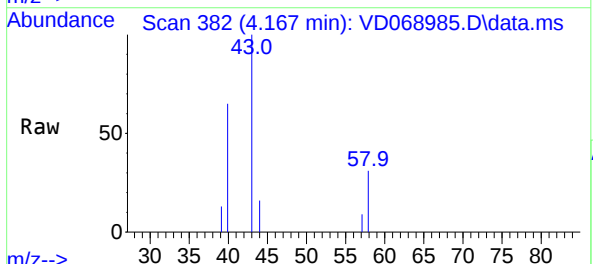
Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP

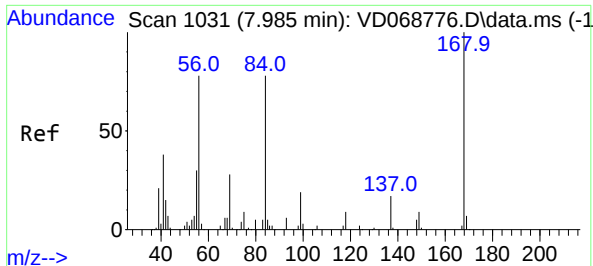
Tgt Ion:168 Resp: 334939
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#16
Acetone
Concen: 13.26 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0

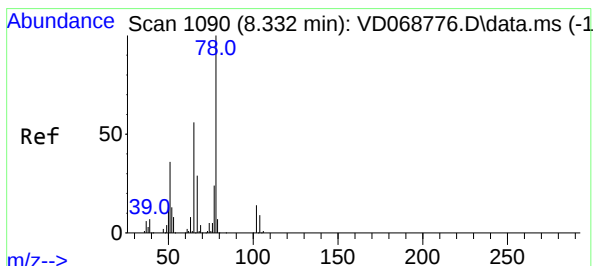
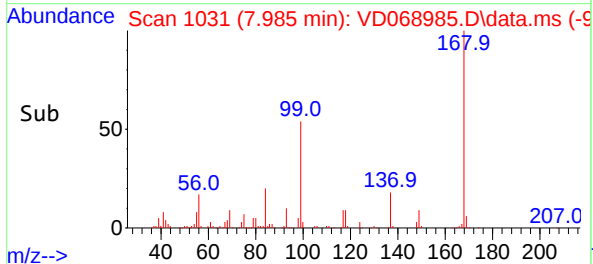
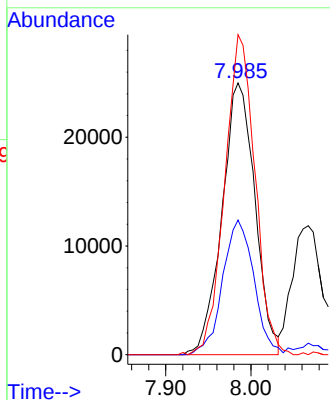
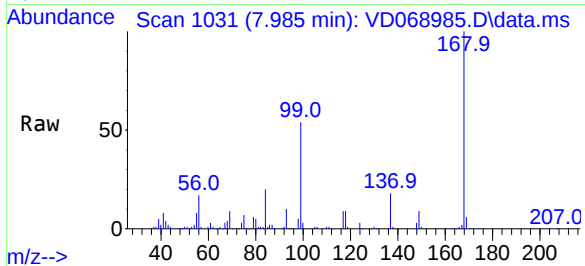




#31
Cyclohexane
Concen: 11.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

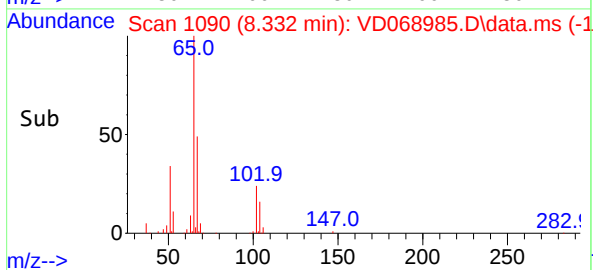
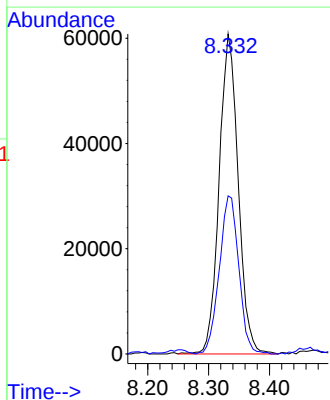
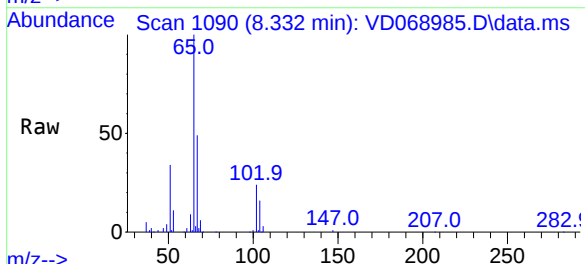
Instrument :
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TP-16A-15-COMP

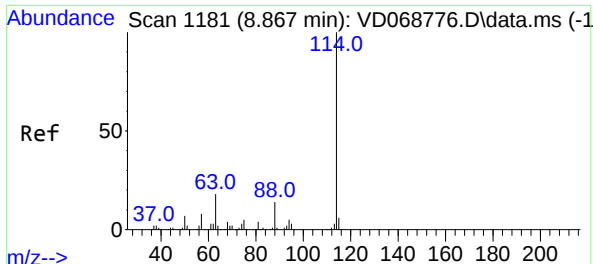
Tgt Ion: 56 Resp: 67233
Ion Ratio Lower Upper
56 100
69 49.6 30.0 45.0#
84 117.8 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 37.30 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Tgt Ion: 65 Resp: 132035
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.0



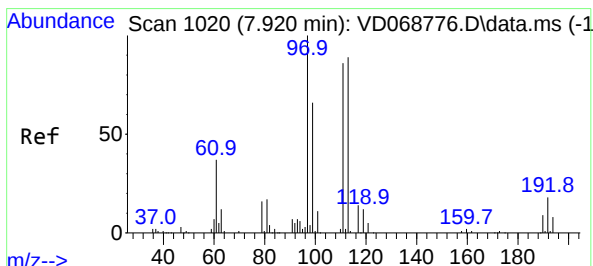
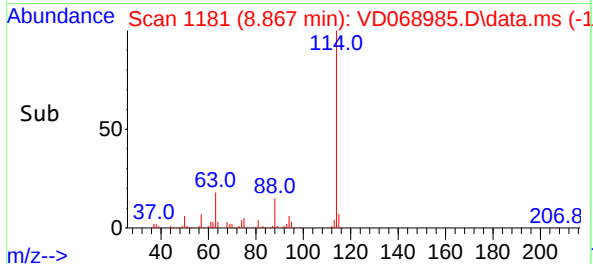
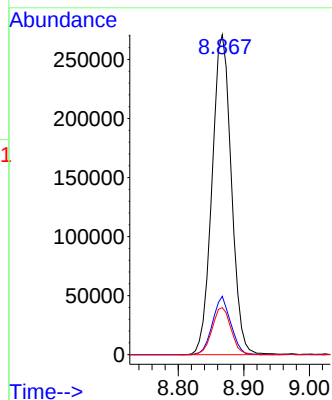
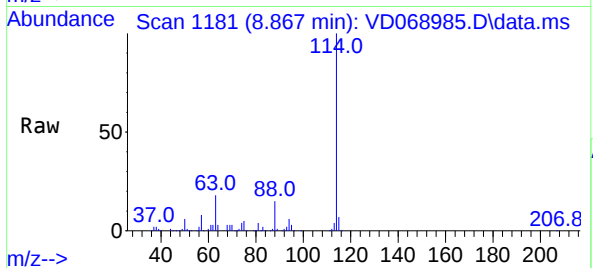


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP

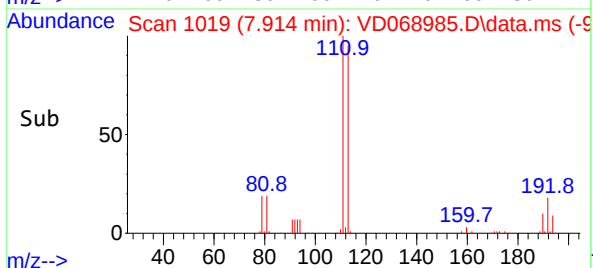
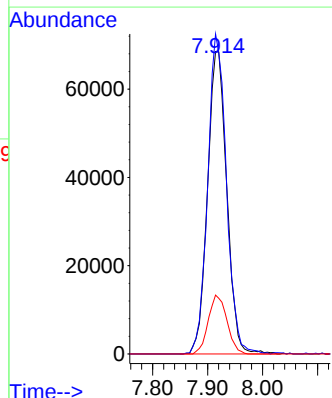
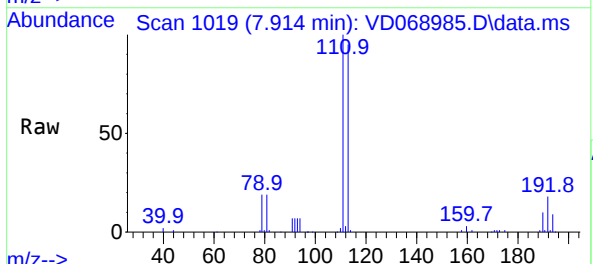
Tgt Ion:114 Resp: 554256
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 14.7 0.0 29.4

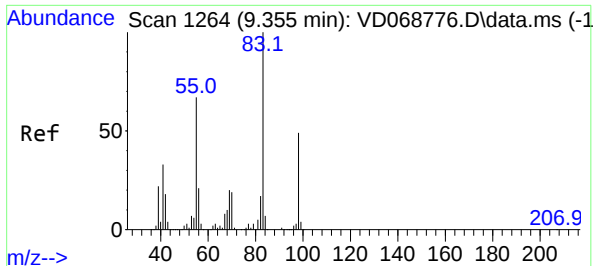


#35

Dibromofluoromethane
Concen: 46.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Tgt Ion:113 Resp: 166968
Ion Ratio Lower Upper
113 100
111 102.9 82.5 123.7
192 18.9 15.1 22.7





#39

Methylcyclohexane

Concen: 52.45 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068985.D

Acq: 26 Apr 2021 13:39

Instrument :

MSVOA_D

ClientSampleId :

TP-16A-15-COMP

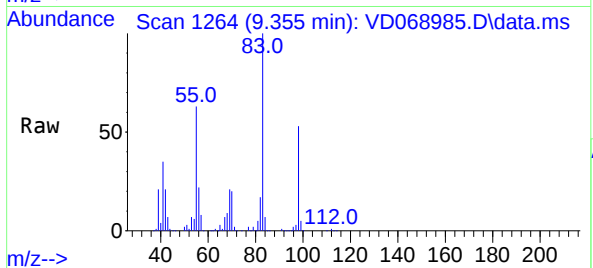
Tgt Ion: 83 Resp: 343164

Ion Ratio Lower Upper

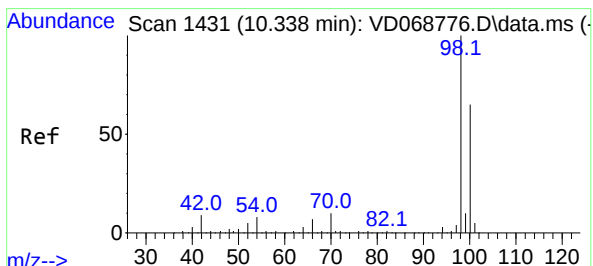
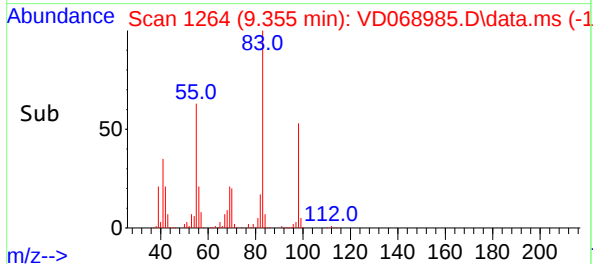
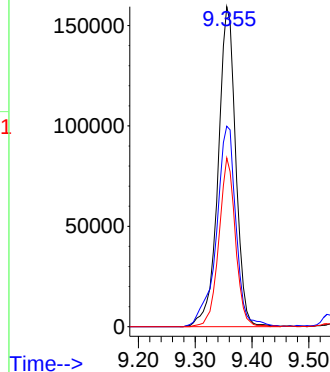
83 100

55 62.7 51.7 77.5

98 52.8 38.8 58.2



Abundance



#50

Toluene-d8

Concen: 55.67 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068985.D

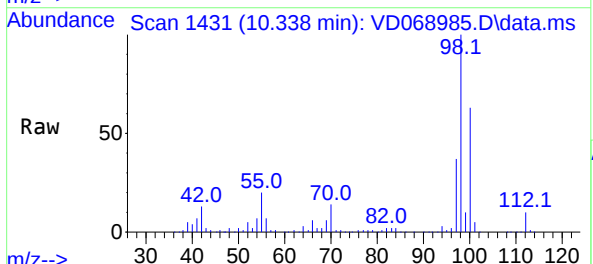
Acq: 26 Apr 2021 13:39

Tgt Ion: 98 Resp: 757070

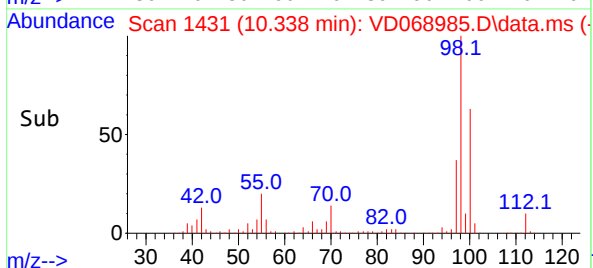
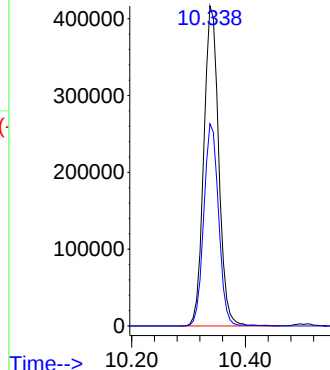
Ion Ratio Lower Upper

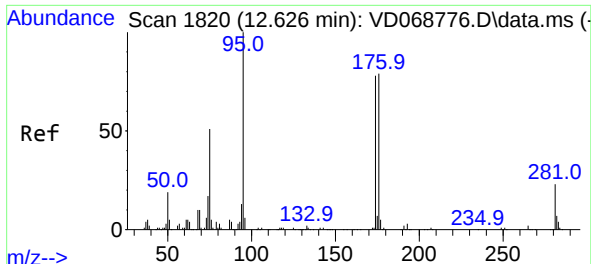
98 100

100 62.5 51.8 77.6



Abundance



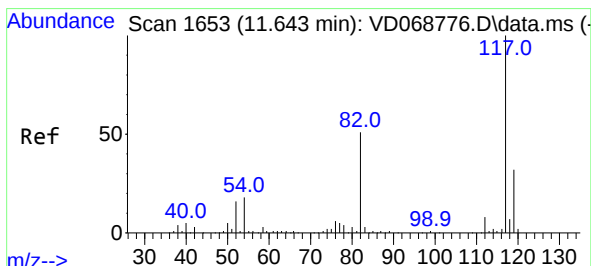
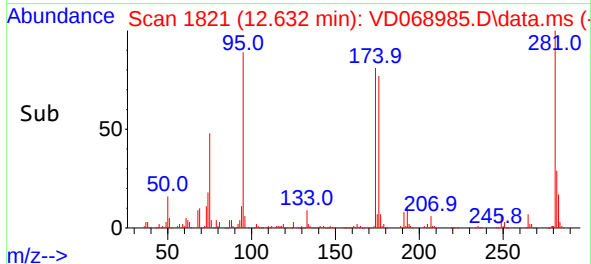
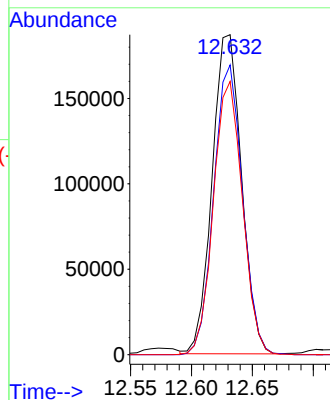
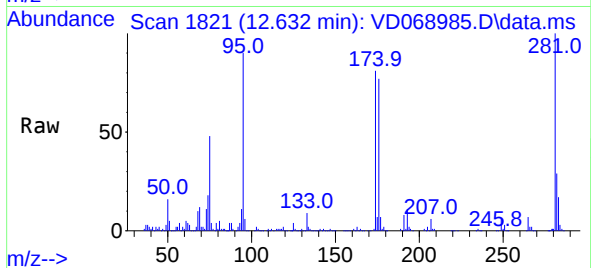


#62
4-Bromofluorobenzene
Concen: 69.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP

Tgt Ion: 95 Resp: 313567

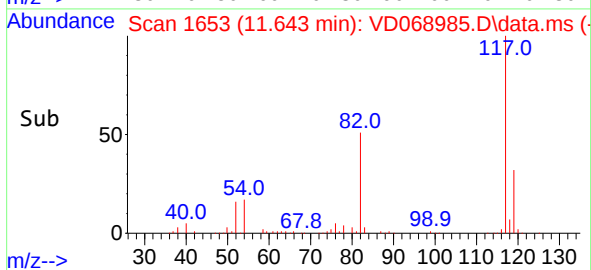
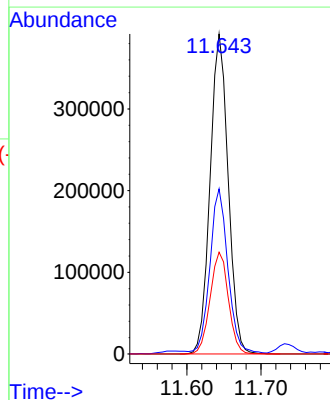
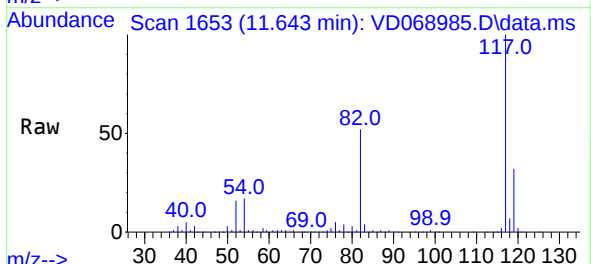
Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	168.0
176	84.7	0.0	160.2

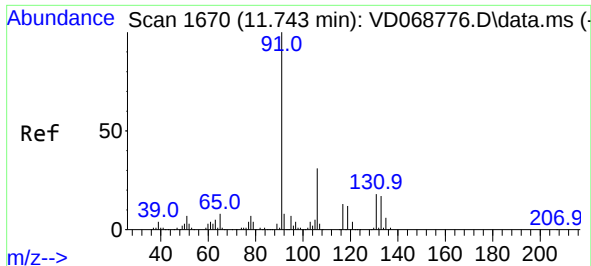


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Tgt Ion: 117 Resp: 662432

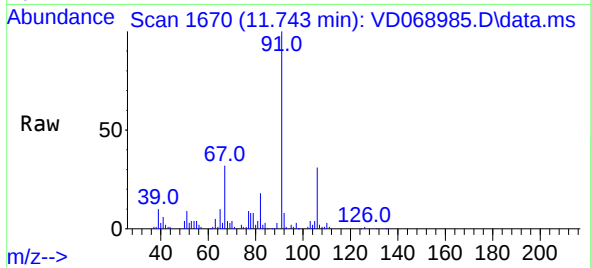
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.5	65.3
119	31.8	26.7	40.1



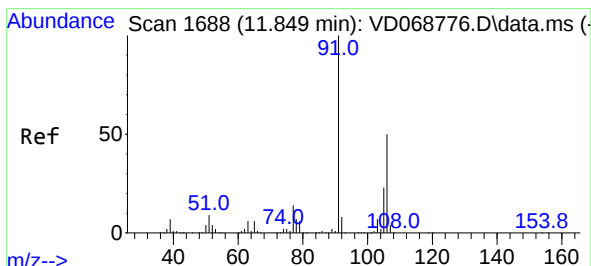
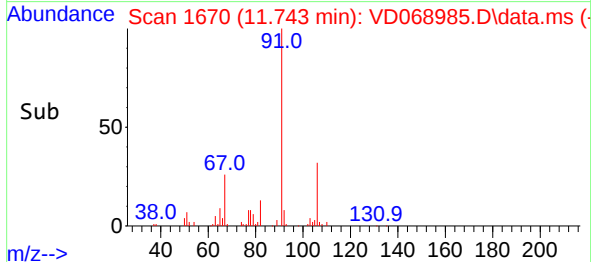
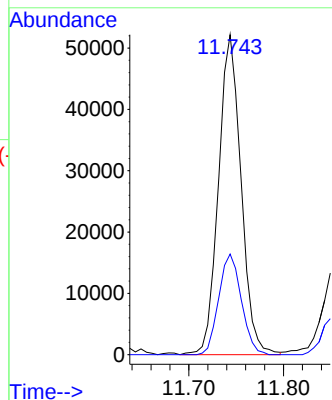


#67
Ethyl Benzene
Concen: 3.48 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP

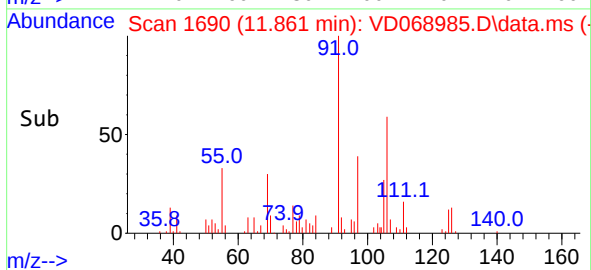
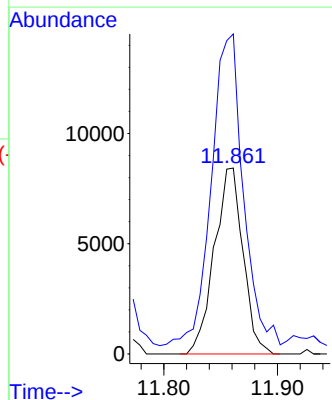
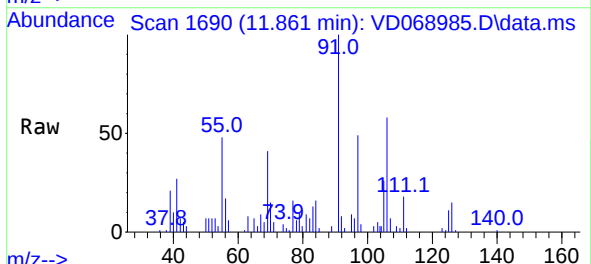


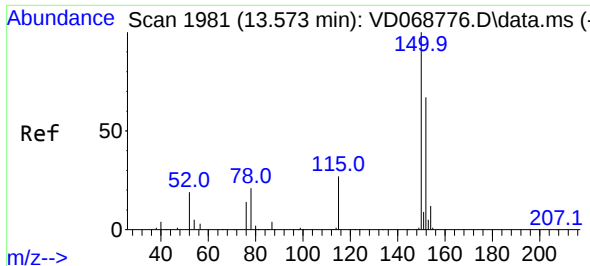
Tgt Ion: 91 Resp: 86502
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 1.54 ug/l
RT: 11.861 min Scan# 1690
Delta R.T. 0.012 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Tgt Ion: 106 Resp: 14782
Ion Ratio Lower Upper
106 100
91 203.7 158.6 238.0

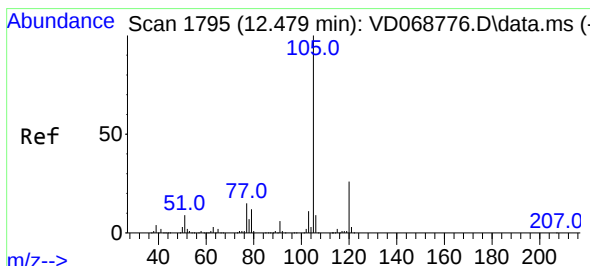
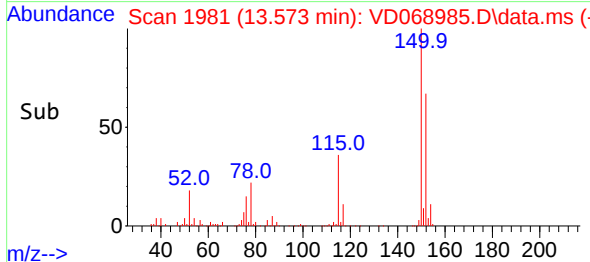
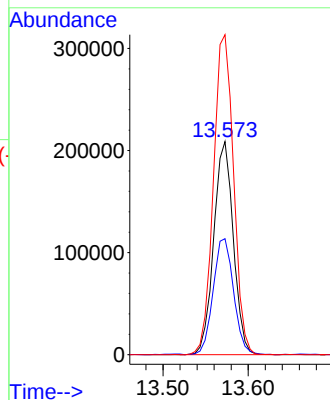
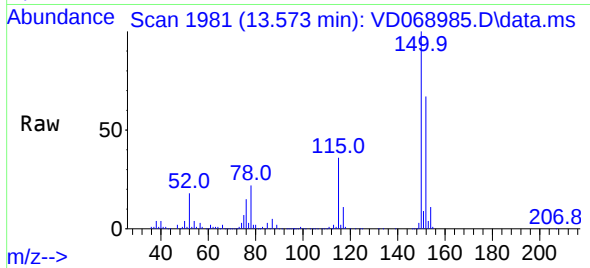




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

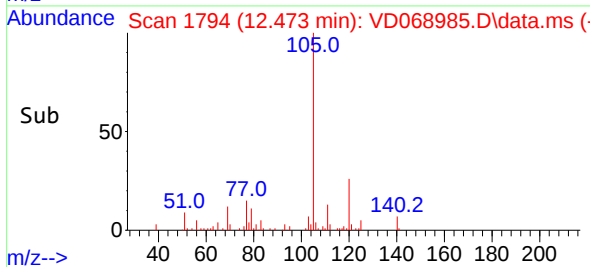
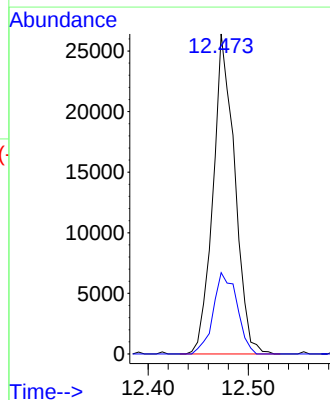
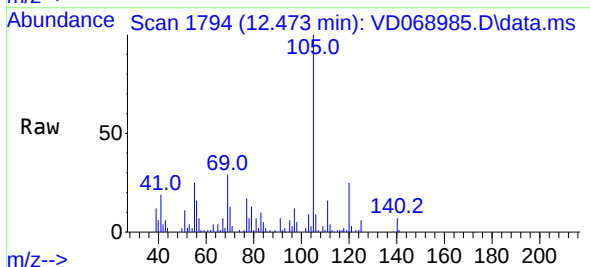
Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP

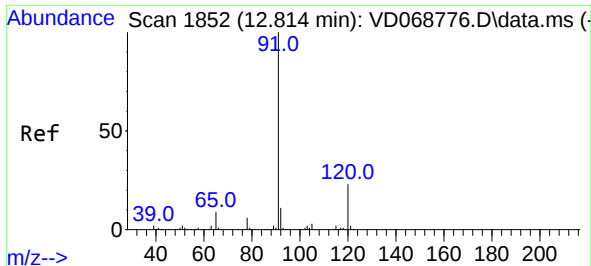
Tgt Ion:152 Resp: 333300
Ion Ratio Lower Upper
152 100
115 57.0 29.3 87.8
150 154.3 0.0 347.6



#73
Isopropylbenzene
Concen: 1.63 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Tgt Ion:105 Resp: 39618
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

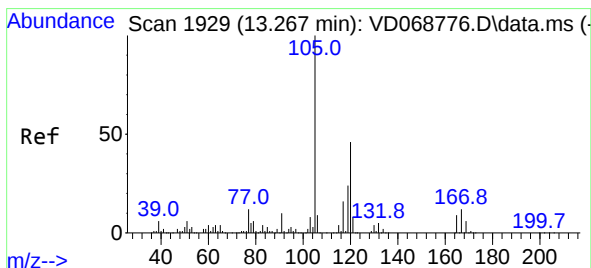
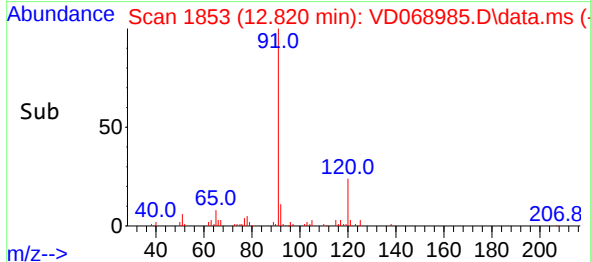
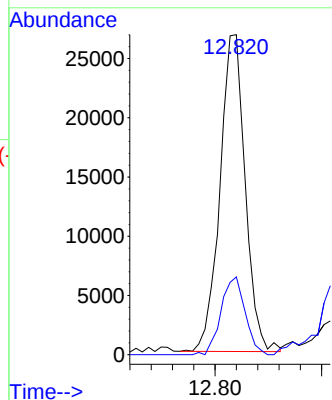
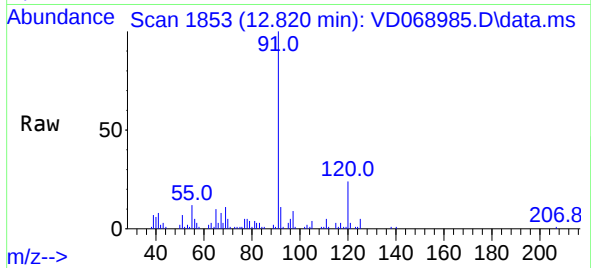




#78
n-propylbenzene
Concen: 1.49 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

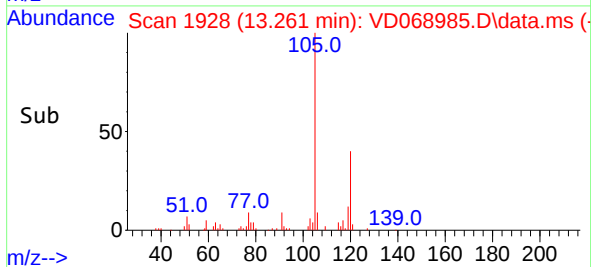
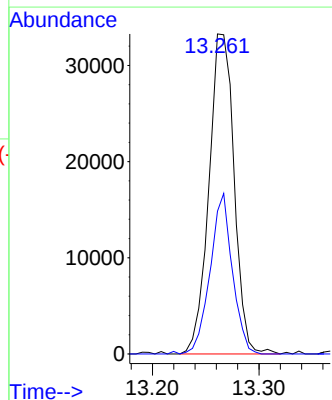
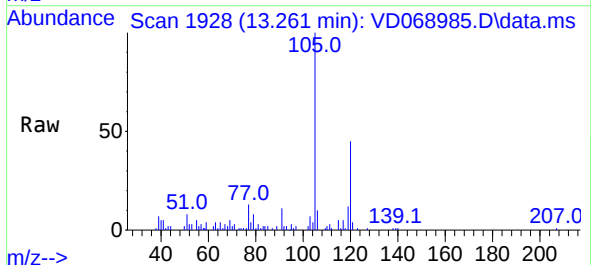
Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP

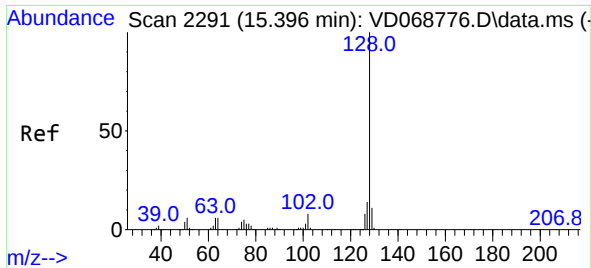
Tgt Ion: 91 Resp: 44085
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 2.66 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

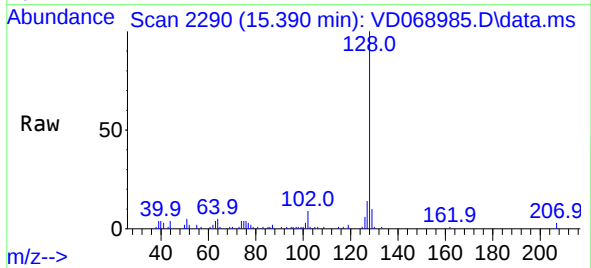
Tgt Ion: 105 Resp: 54632
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7





#95
Naphthalene
Concen: 4.39 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068985.D
Acq: 26 Apr 2021 13:39

Instrument :
MSVOA_D
ClientSampleId :
TP-16A-15-COMP



Tgt Ion:128 Resp: 47439
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 12.7 8.9 13.3

