

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070388.D
 Acq On : 20 Sep 2021 17:11
 Operator : VA/SY
 Sample : M3798-07
 Misc : 6.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUPLICATE-2

Quant Time: Sep 21 03:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

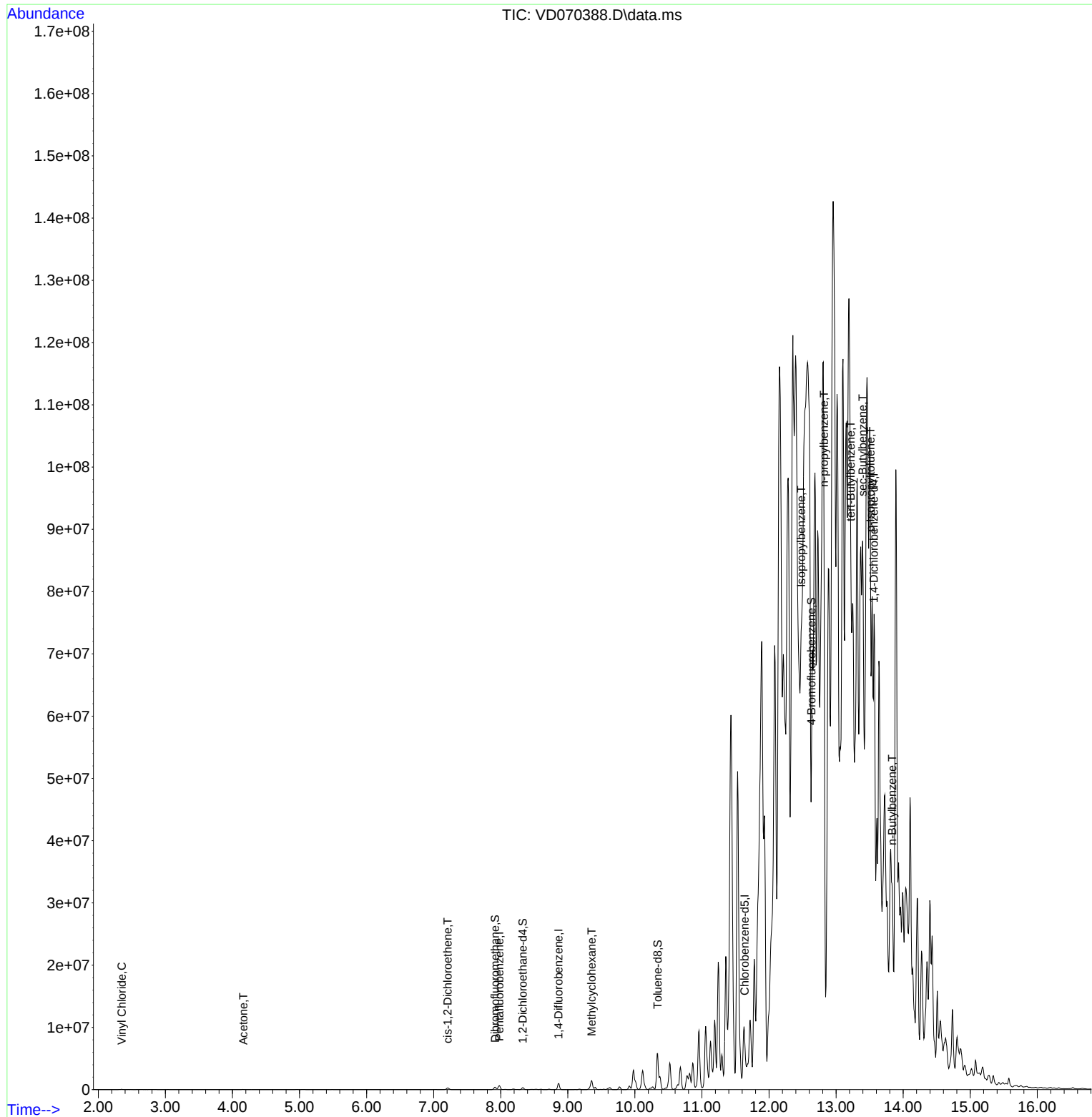
Internal Standards						
1) Pentafluorobenzene	7.979	168	411267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	868994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1059345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1527255	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255672	48.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.840%		
35) Dibromofluoromethane	7.914	113	289152	46.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.500%		
50) Toluene-d8	10.338	98	1430559	63.698	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	127.400%		
62) 4-Bromofluorobenzene	12.632	95	5878596	748.967	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	1497.940%#		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.350	62	37393	5.779	ug/l	98
16) Acetone	4.162	43	48822	51.784	ug/l	91
27) cis-1,2-Dichloroethene	7.208	96	172482	28.171	ug/l	90
39) Methylcyclohexane	9.355	83	576088	55.518	ug/l	94
73) Isopropylbenzene	12.479	105	3451816	32.228	ug/l	99
78) n-propylbenzene	12.820	91	3522713	25.341	ug/l	91
83) tert-Butylbenzene	13.220	119	6113422	82.463	ug/l	91
85) sec-Butylbenzene	13.396	105	17037165	144.576	ug/l	# 46
86) p-Isopropyltoluene	13.514	119	2846095	30.060	ug/l	90
89) n-Butylbenzene	13.838	91	9894421	104.814	ug/l	# 79

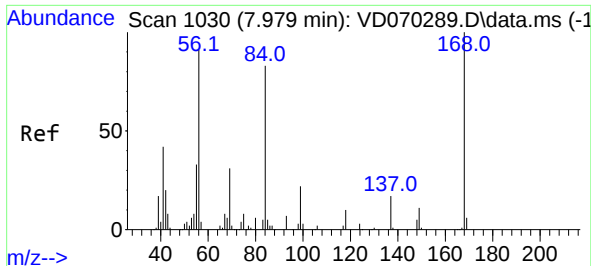
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
Data File : VD070388.D
Acq On : 20 Sep 2021 17:11
Operator : VA/SY
Sample : M3798-07
Misc : 6.58G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

Quant Time: Sep 21 03:35:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

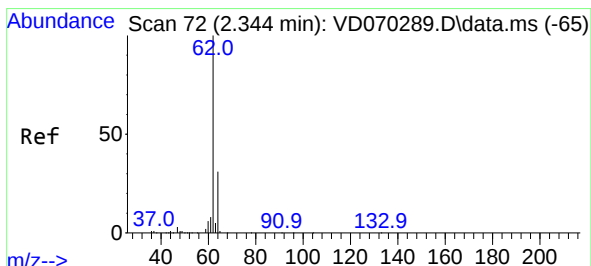
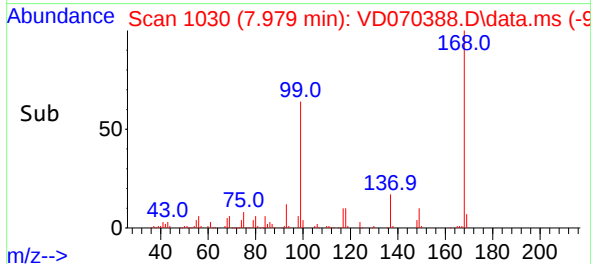
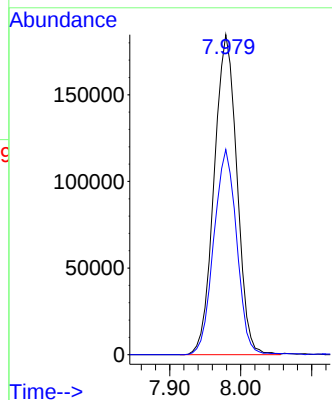
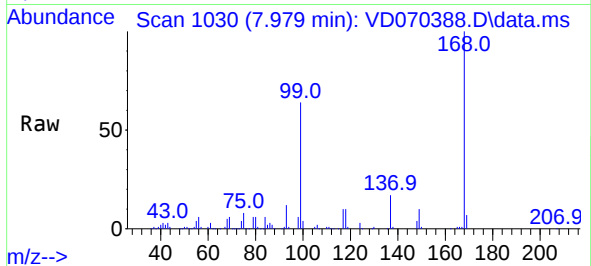




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

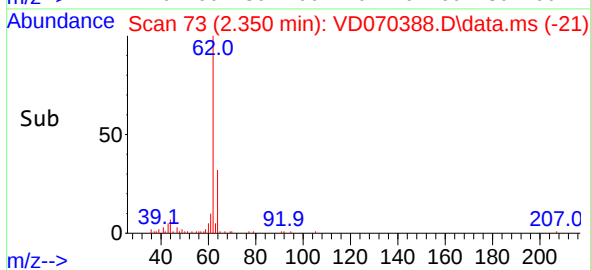
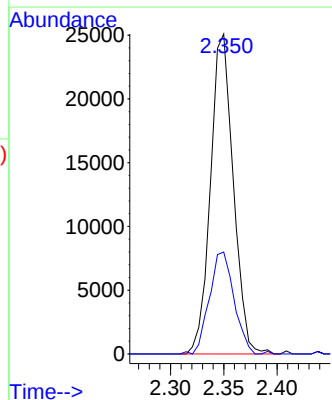
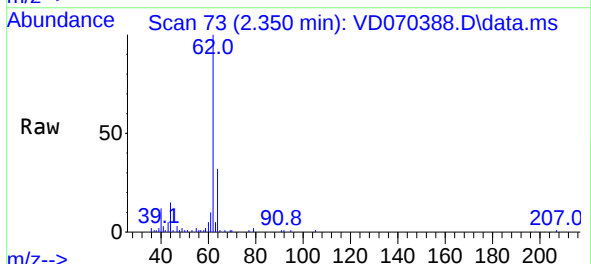
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

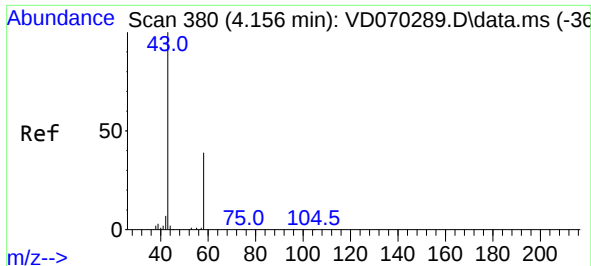
Tgt Ion:168 Resp: 411267
Ion Ratio Lower Upper
168 100
99 64.1 50.8 76.2



#4
Vinyl Chloride
Concen: 5.779 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion: 62 Resp: 37393
Ion Ratio Lower Upper
62 100
64 31.9 24.6 36.8

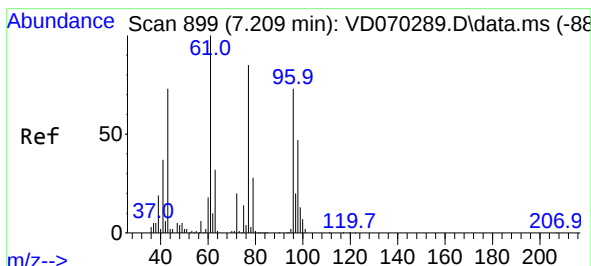
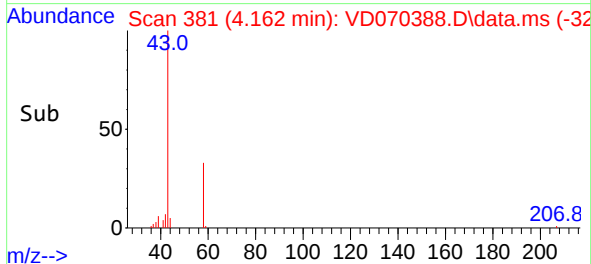
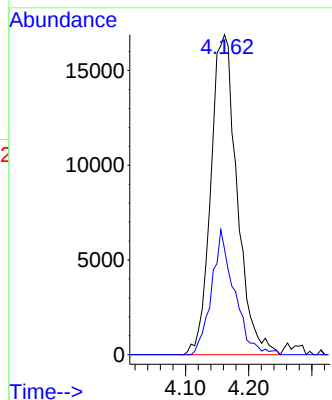
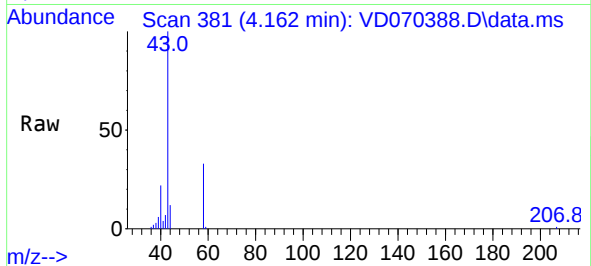




#16
Acetone
Concen: 51.784 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

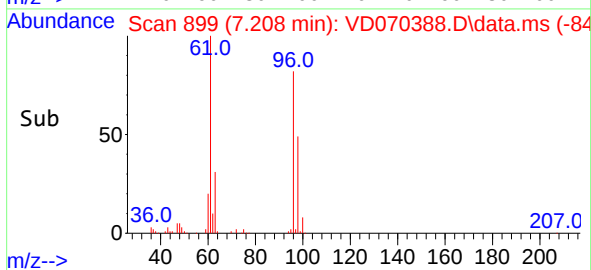
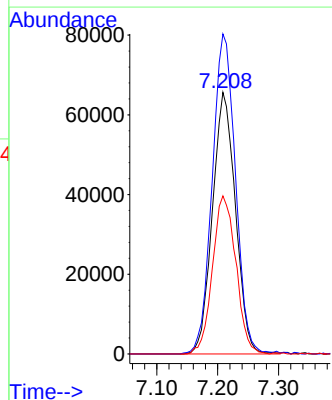
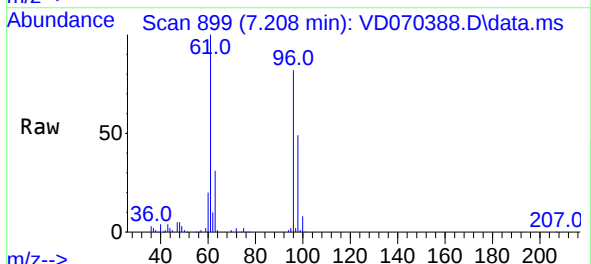
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

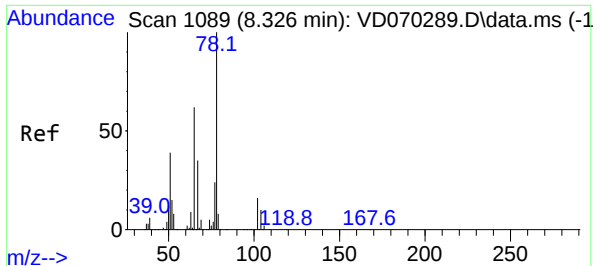
Tgt Ion: 43 Resp: 48822
Ion Ratio Lower Upper
43 100
58 33.0 30.9 46.3



#27
cis-1,2-Dichloroethene
Concen: 28.171 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion: 96 Resp: 172482
Ion Ratio Lower Upper
96 100
61 123.4 0.0 277.4
98 61.4 0.0 130.0

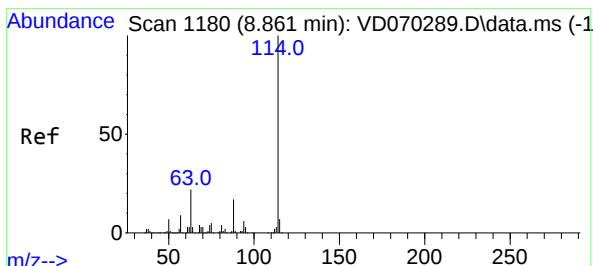
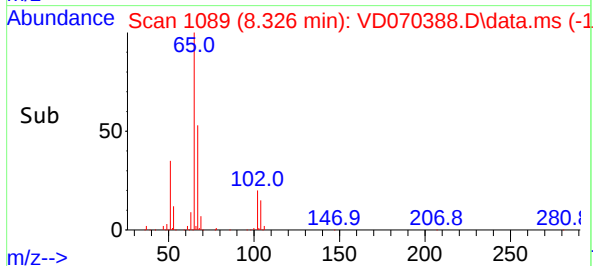
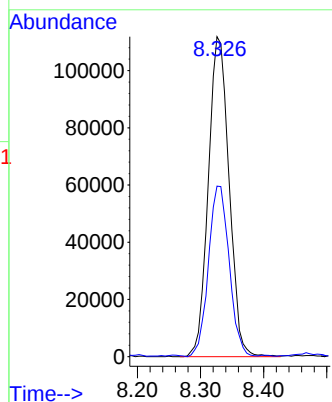
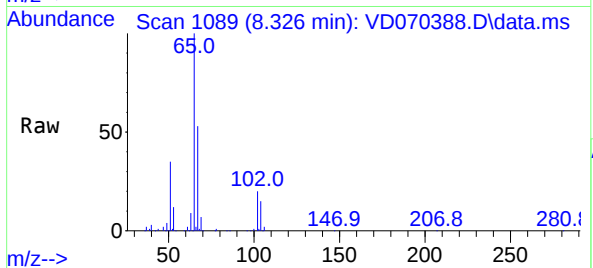




#33
1,2-Dichloroethane-d4
Concen: 48.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

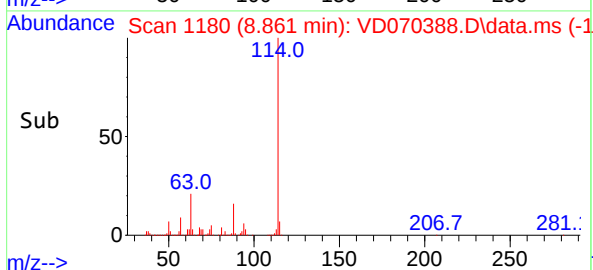
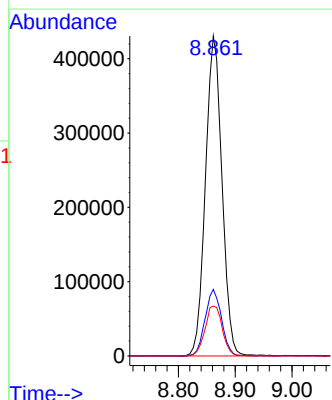
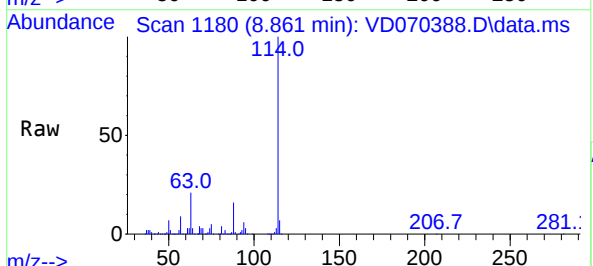
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

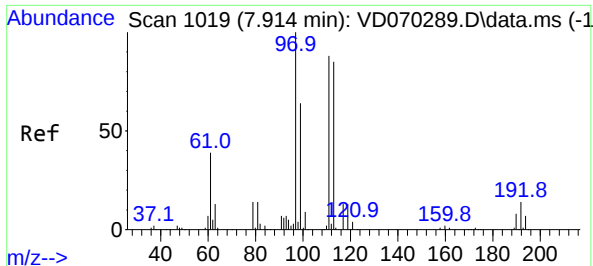
Tgt Ion: 65 Resp: 255672
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion:114 Resp: 868994
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 15.6 0.0 33.4





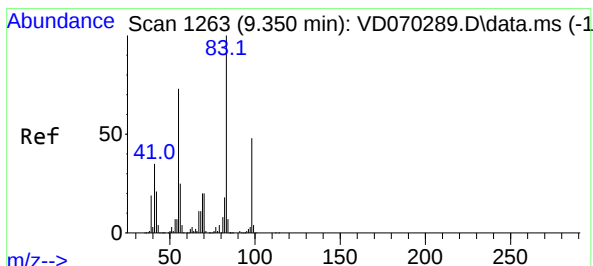
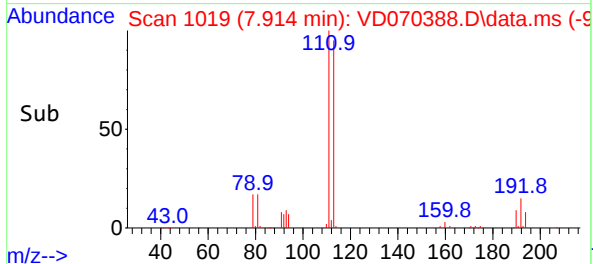
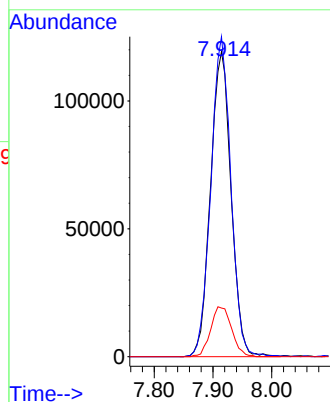
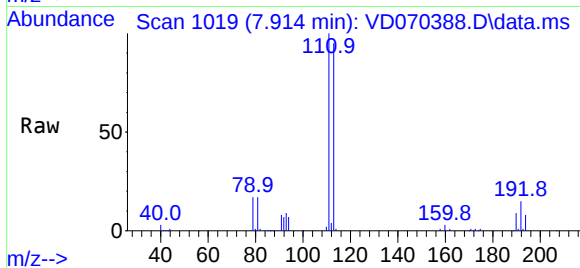
#35

Dibromofluoromethane
Concen: 46.746 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

Tgt Ion:113 Resp: 289152

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	16.7	13.0	19.6

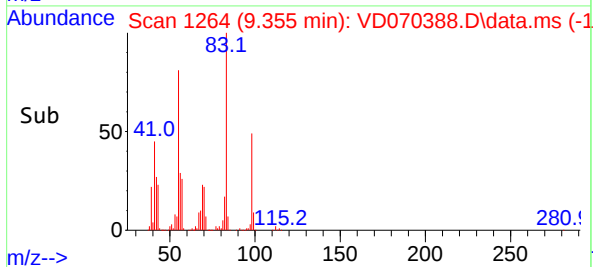
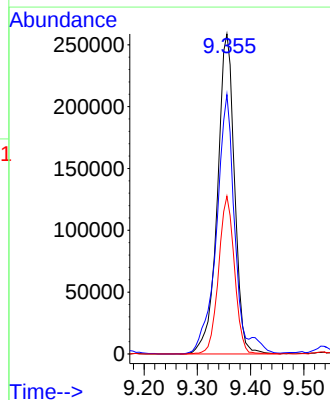
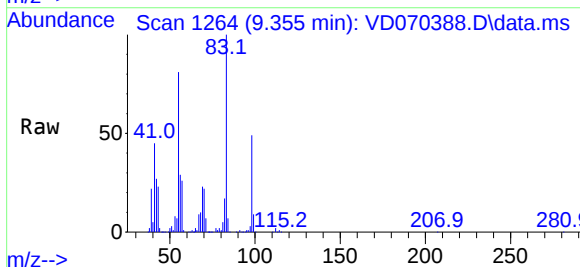


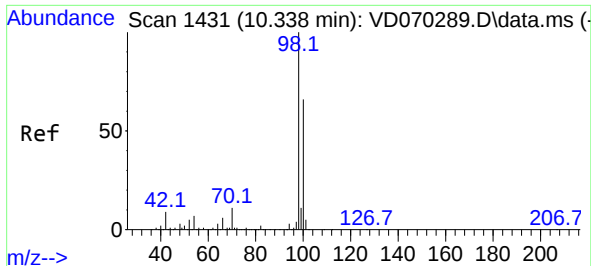
#39

Methylcyclohexane
Concen: 55.518 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion: 83 Resp: 576088

Ion	Ratio	Lower	Upper
83	100		
55	81.1	58.5	87.7
98	49.3	38.4	57.6

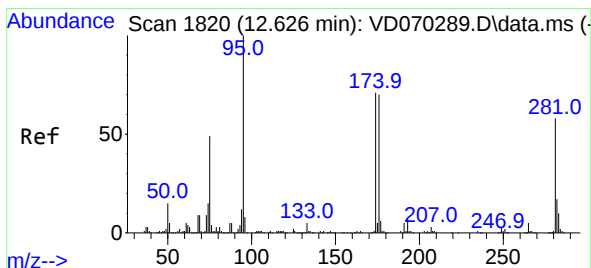
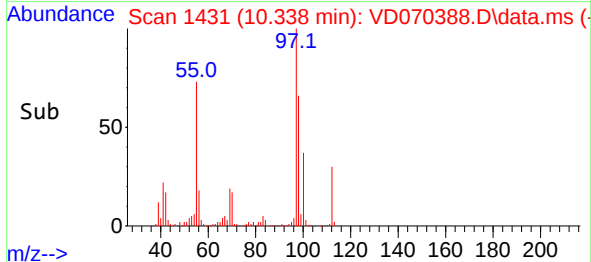
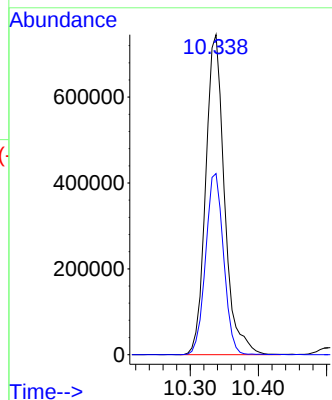
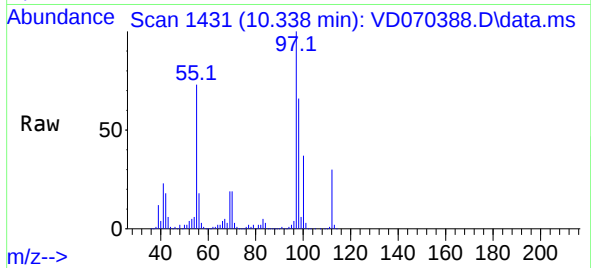




#50
Toluene-d8
Concen: 63.698 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

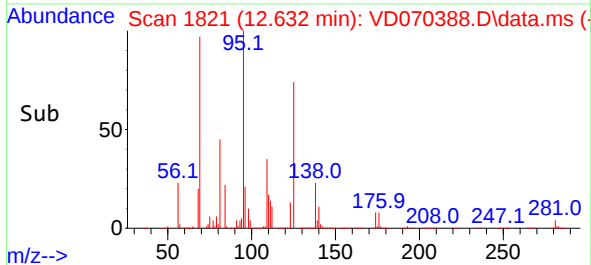
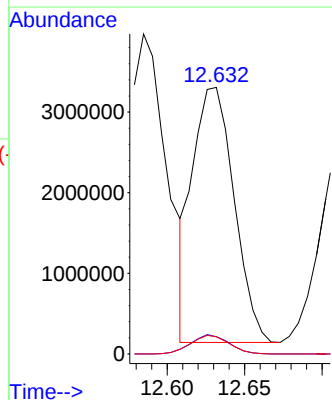
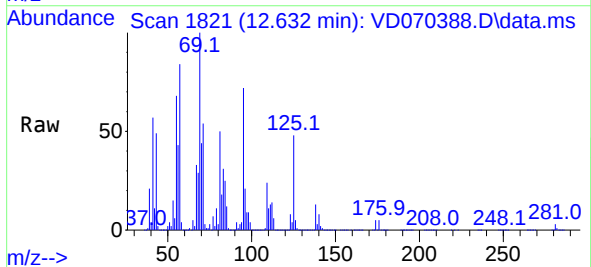
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

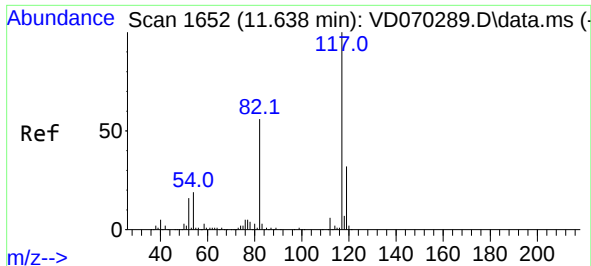
Tgt Ion: 98 Resp: 1430559
Ion Ratio Lower Upper
98 100
100 54.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 748.967 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion: 95 Resp: 5878596
Ion Ratio Lower Upper
95 100
174 7.0 0.0 140.6
176 6.8 0.0 137.4

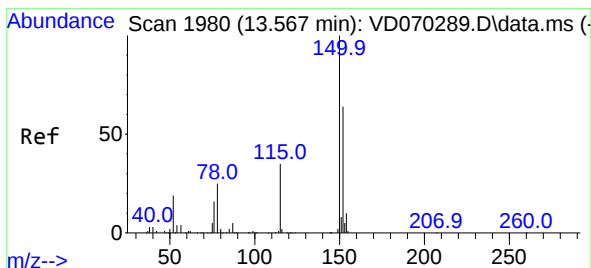
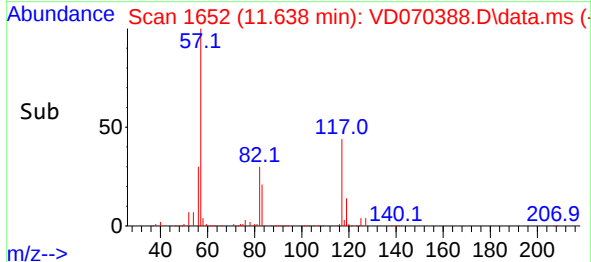
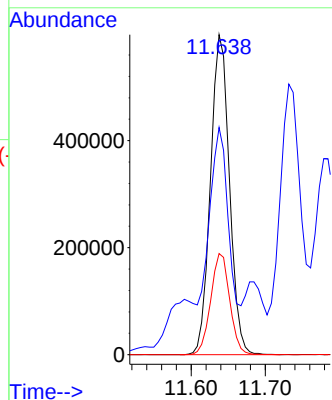
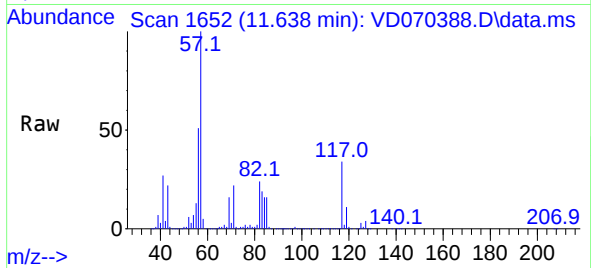




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

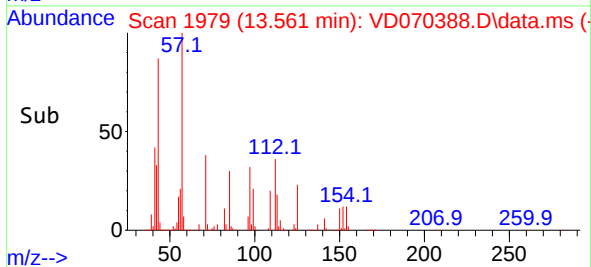
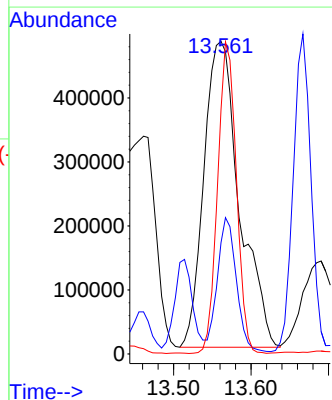
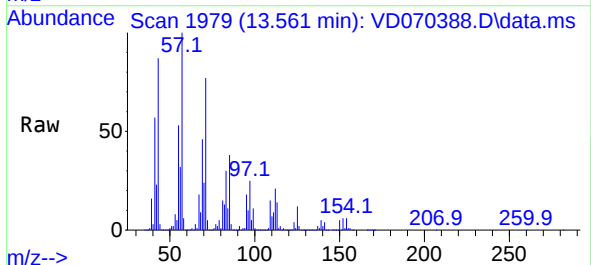
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

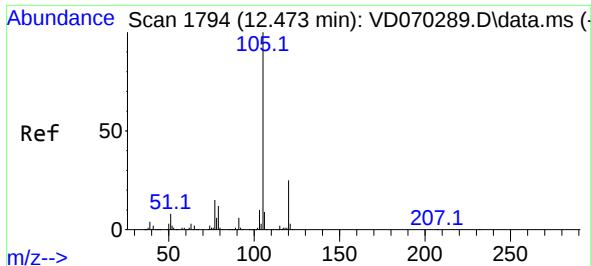
Tgt Ion:117 Resp: 1059345
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion:152 Resp: 1527255
Ion Ratio Lower Upper
152 100
115 22.9 32.1 96.3#
150 53.7 0.0 350.6

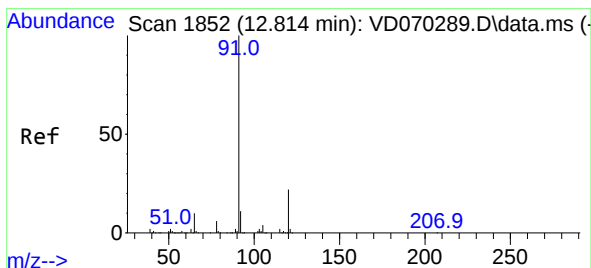
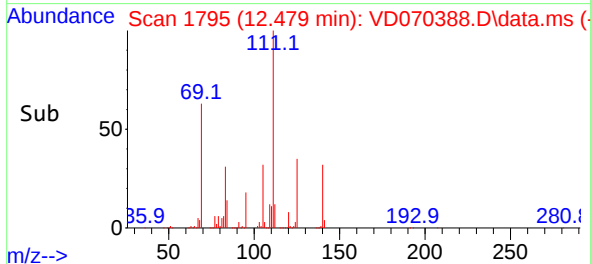
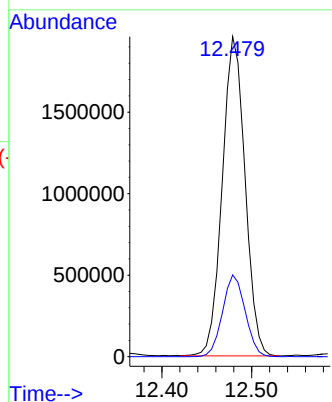
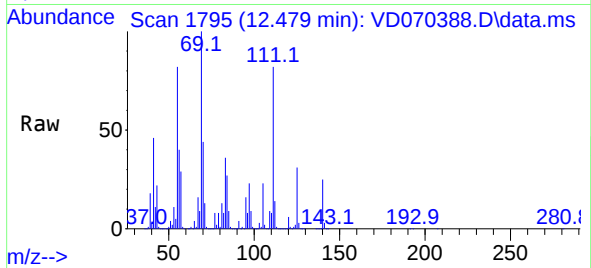




#73
Isopropylbenzene
Concen: 32.228 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

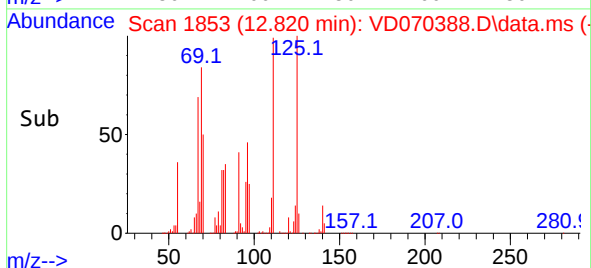
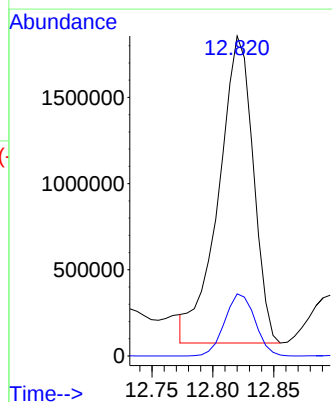
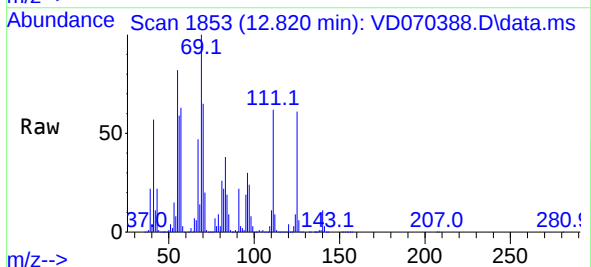
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

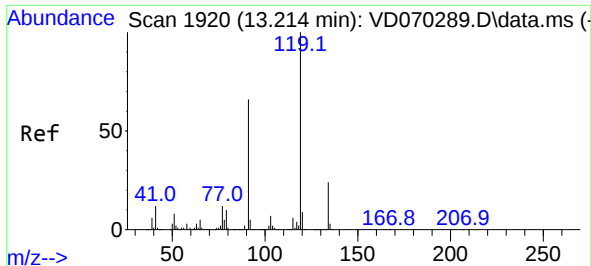
Tgt Ion:105 Resp: 3451816
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9



#78
n-propylbenzene
Concen: 25.341 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion: 91 Resp: 3522713
Ion Ratio Lower Upper
91 100
120 17.7 11.0 33.0

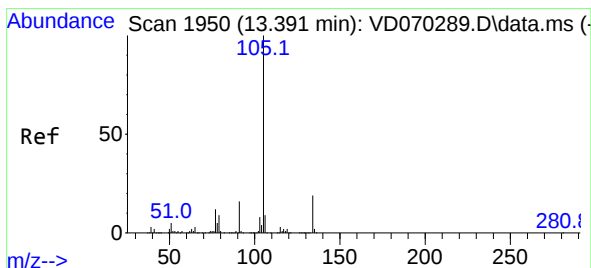
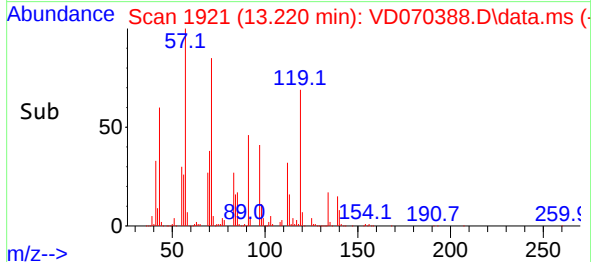
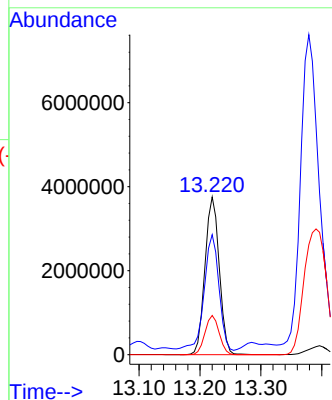
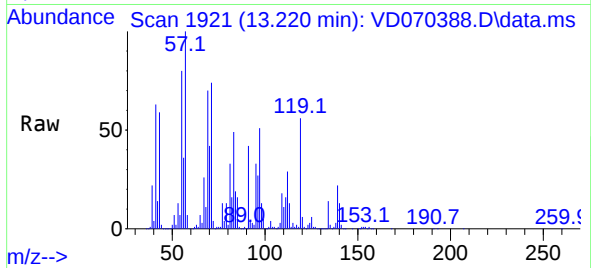




#83
tert-Butylbenzene
Concen: 82.463 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

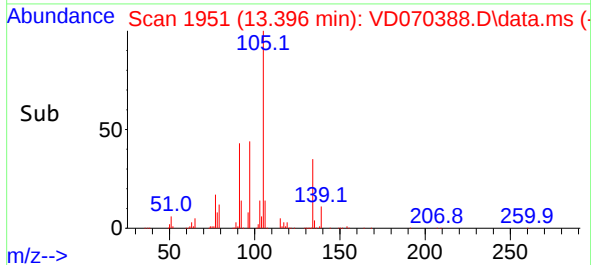
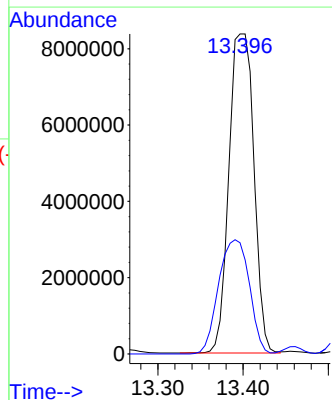
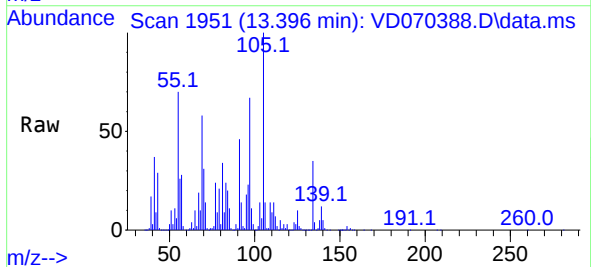
Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

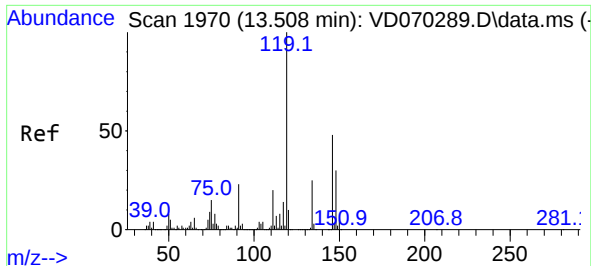
Tgt Ion:119 Resp: 6113422
Ion Ratio Lower Upper
119 100
91 75.8 33.7 101.0
134 24.7 13.2 39.5



#85
sec-Butylbenzene
Concen: 144.576 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion:105 Resp:17037165
Ion Ratio Lower Upper
105 100
134 44.2 9.8 29.3#

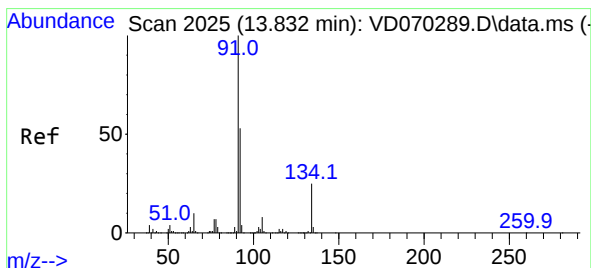
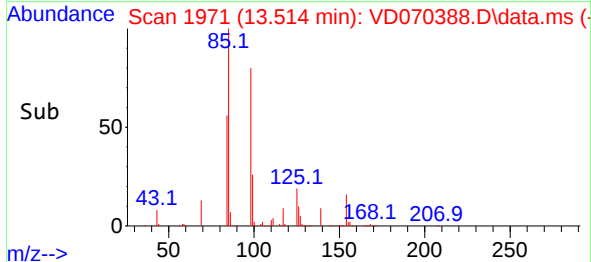
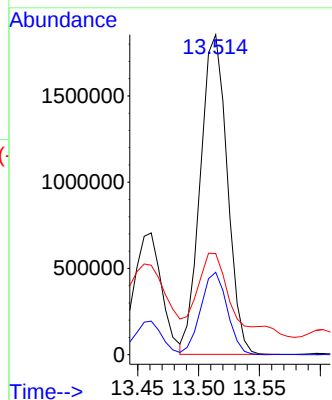
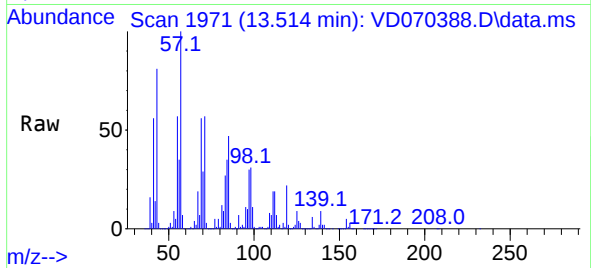




#86
p-Isopropyltoluene
Concen: 30.060 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Instrument :
MSVOA_D
ClientSampleId :
DUPLICATE-2

Tgt Ion:119 Resp: 2846095
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.0
91 33.3 11.8 35.3



#89
n-Butylbenzene
Concen: 104.814 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD070388.D
Acq: 20 Sep 2021 17:11

Tgt Ion: 91 Resp: 9894421
Ion Ratio Lower Upper
91 100
92 48.1 26.8 80.4
134 0.0 12.1 36.3#

