

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072570.D
 Acq On : 08 Apr 2022 20:15
 Operator : VA/SY
 Sample : N2331-03
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-EX1B-BASE-01

Quant Time: Apr 09 00:38:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

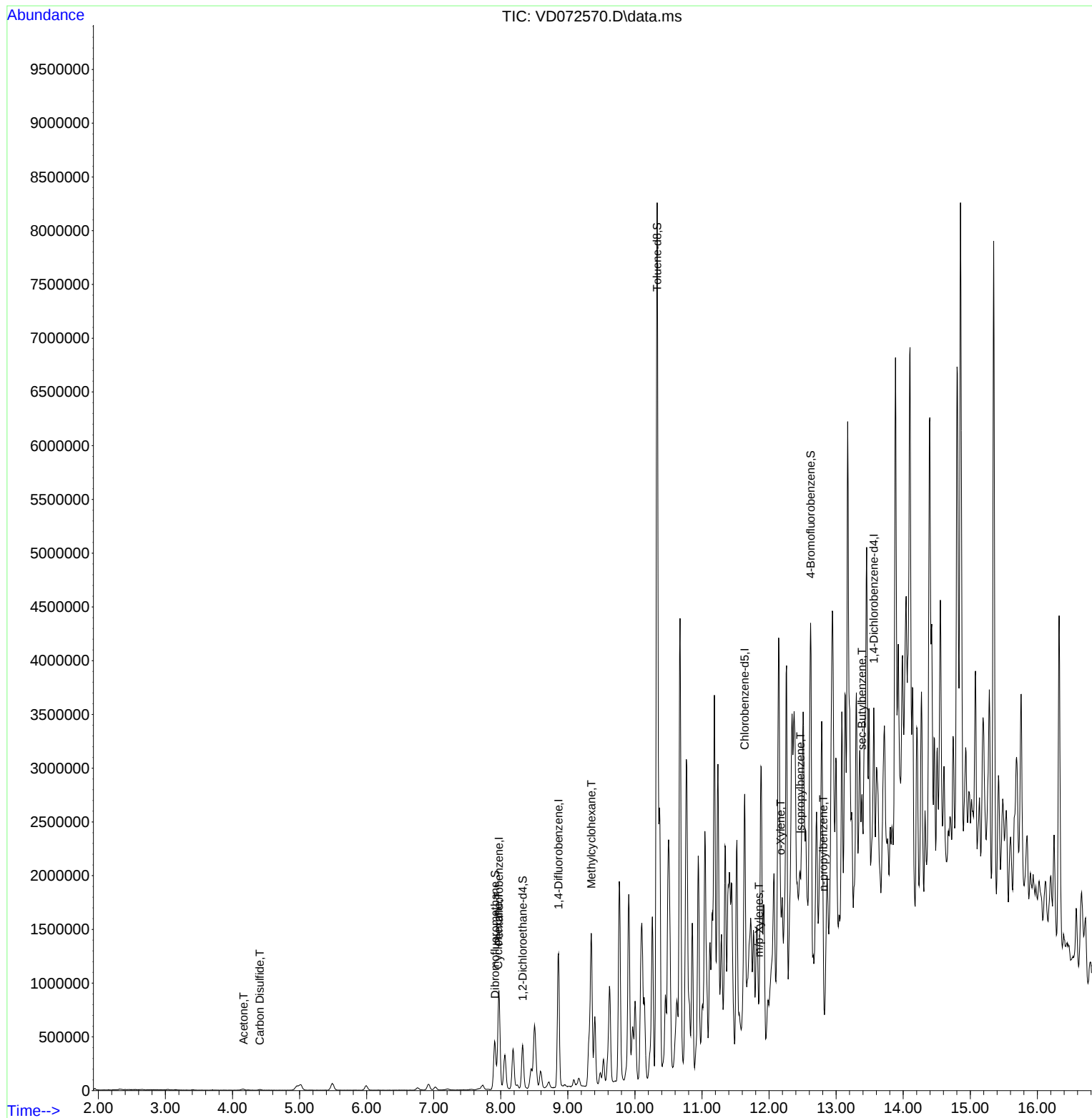
Internal Standards						
1) Pentafluorobenzene	7.973	168	602872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1075830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	993484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	484078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	314109	43.070	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.140%		
35) Dibromofluoromethane	7.914	113	328850	39.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.660%		
50) Toluene-d8	10.332	98	1627436	55.998	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	112.000%		
62) 4-Bromofluorobenzene	12.620	95	549244	48.391	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.780%		
Target Compounds						
16) Acetone	4.167	43	17301	12.722	ug/l	90
17) Carbon Disulfide	4.409	76	12907	4.647	ug/l #	90
31) Cyclohexane	7.961	56	53946	5.657	ug/l #	81
39) Methylcyclohexane	9.349	83	494299	40.316	ug/l	98
68) m/p-Xylenes	11.849	106	30221	2.055	ug/l	87
69) o-Xylene	12.173	106	42081	2.966	ug/l	83
73) Isopropylbenzene	12.467	105	222565	5.693	ug/l	98
78) n-propylbenzene	12.808	91	68462	1.452	ug/l	95
85) sec-Butylbenzene	13.385	105	104364	2.390	ug/l #	49

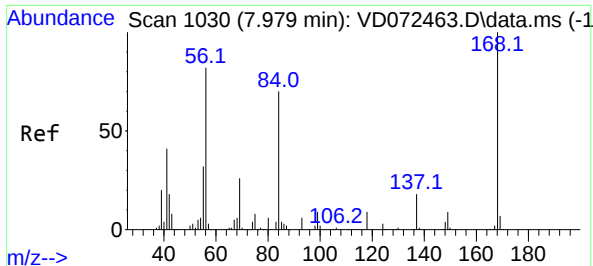
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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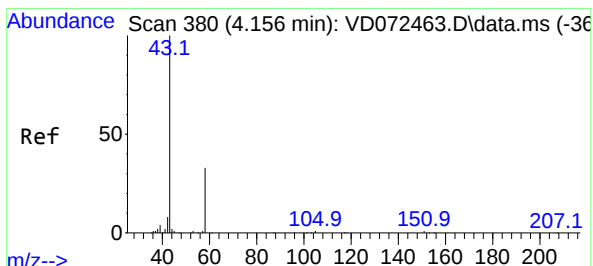
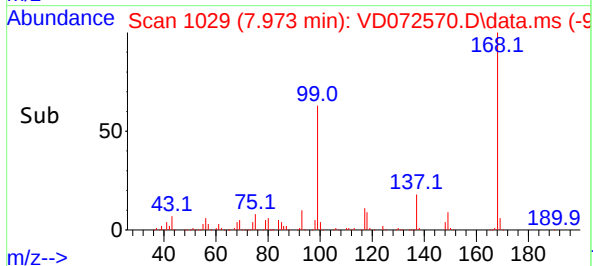
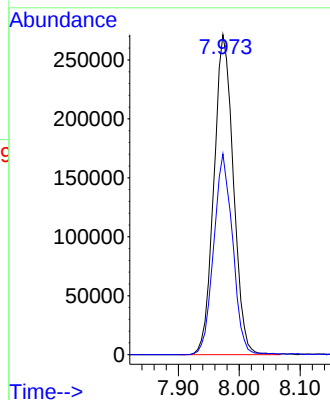
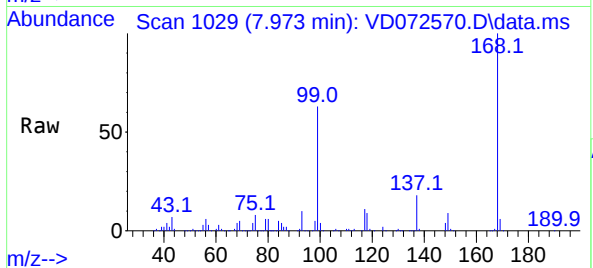




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

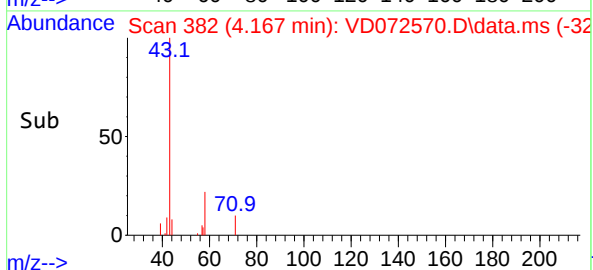
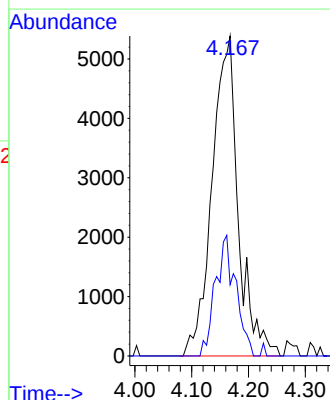
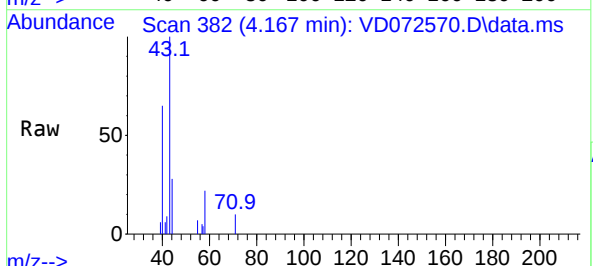
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-01

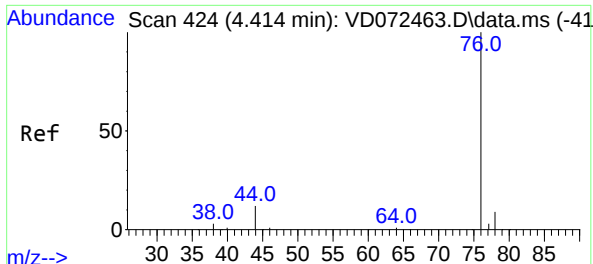
Tgt Ion:168 Resp: 602872
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6



#16
Acetone
Concen: 12.722 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion: 43 Resp: 17301
Ion Ratio Lower Upper
43 100
58 22.3 22.1 33.1

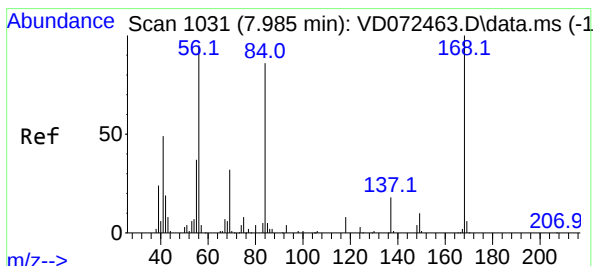
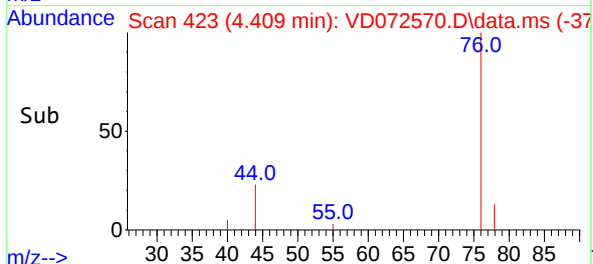
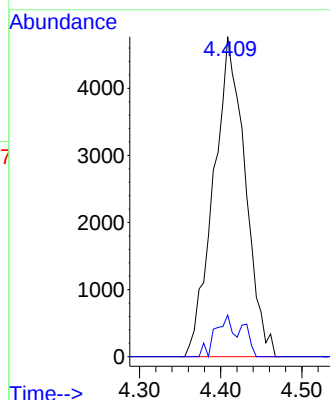
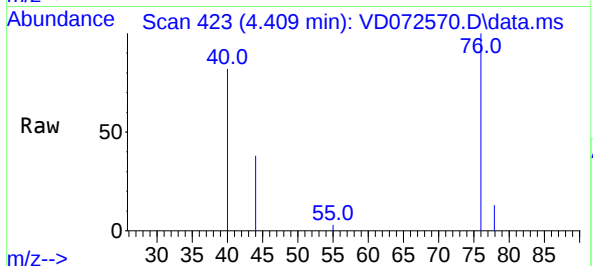




#17
Carbon Disulfide
Concen: 4.647 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

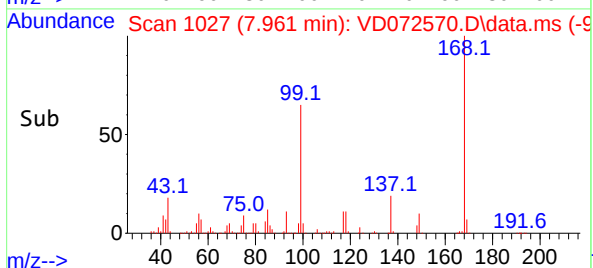
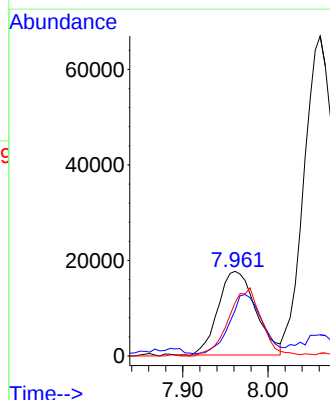
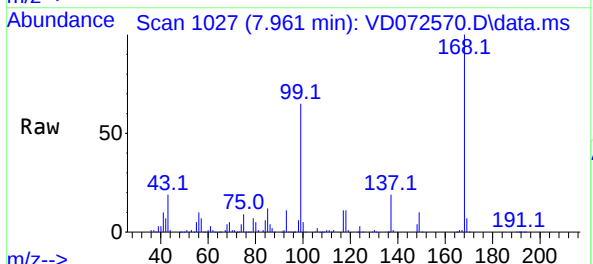
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-01

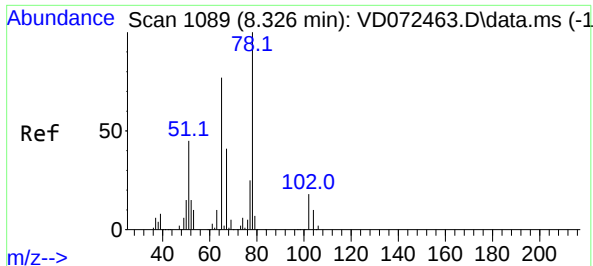
Tgt Ion: 76 Resp: 12907
Ion Ratio Lower Upper
76 100
78 13.0 7.5 11.3#



#31
Cyclohexane
Concen: 5.657 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.024 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion: 56 Resp: 53946
Ion Ratio Lower Upper
56 100
69 45.8 25.4 38.2#
84 63.7 63.0 94.4

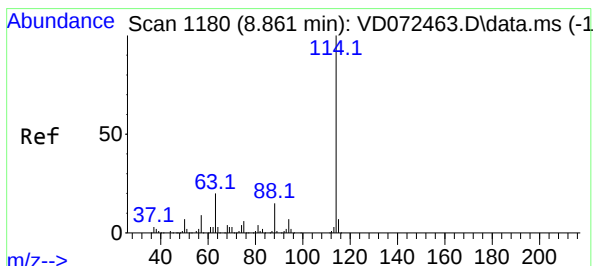
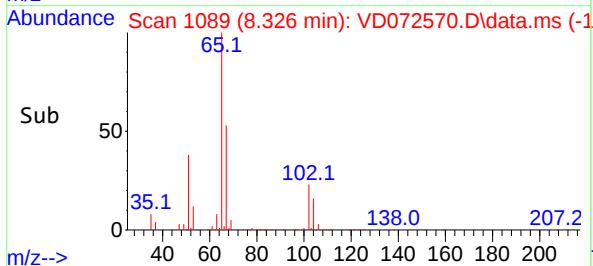
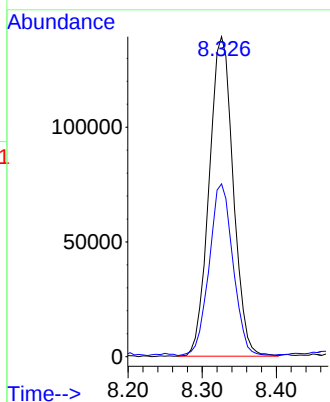
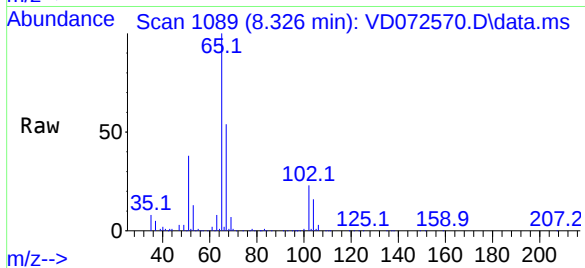




#33
1,2-Dichloroethane-d4
Concen: 43.070 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

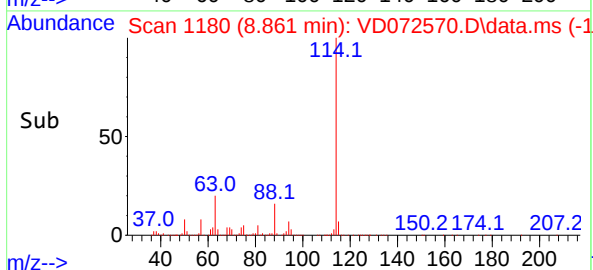
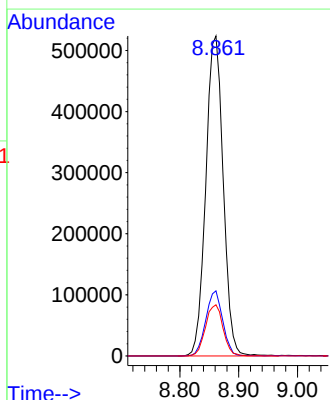
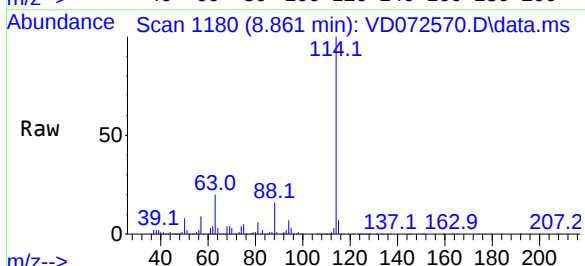
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-01

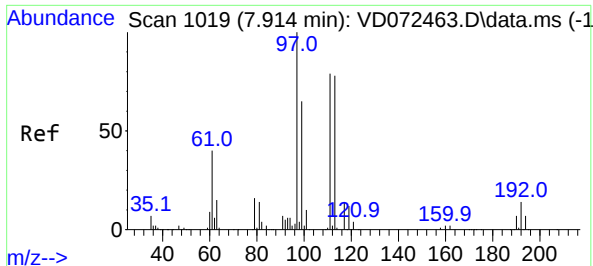
Tgt Ion: 65 Resp: 314109
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion:114 Resp: 1075830
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 39.333 ug/l

RT: 7.914 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072570.D

Acq: 08 Apr 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

SR-EX1B-BASE-01

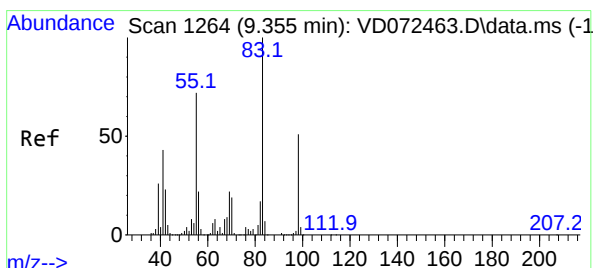
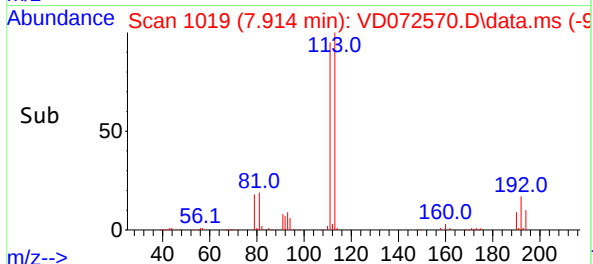
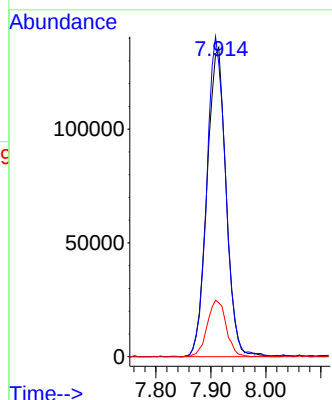
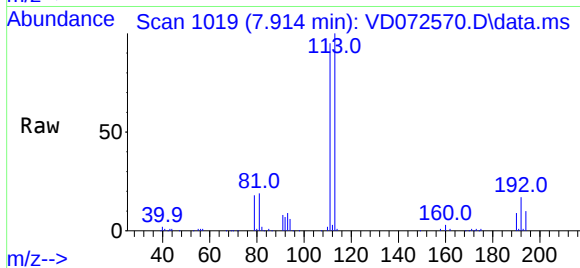
Tgt Ion:113 Resp: 328850

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.1 14.6 21.8



#39

Methylcyclohexane

Concen: 40.316 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD072570.D

Acq: 08 Apr 2022 20:15

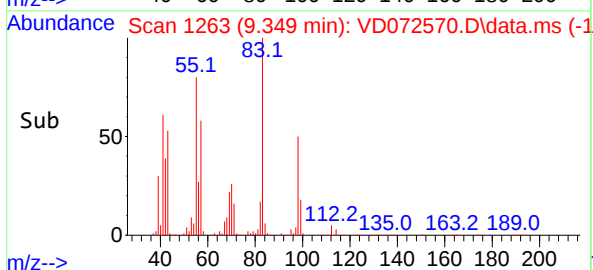
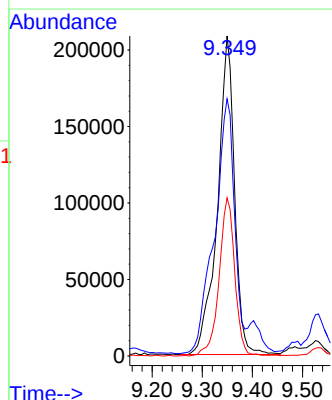
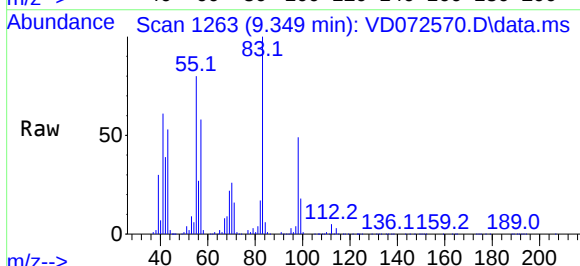
Tgt Ion: 83 Resp: 494299

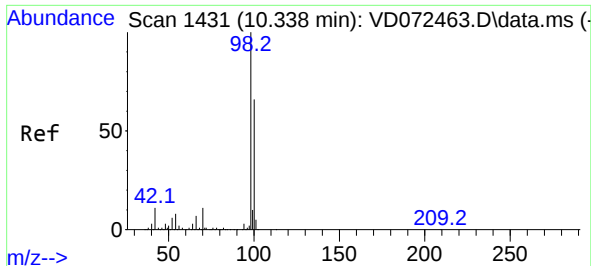
Ion Ratio Lower Upper

83 100

55 79.9 63.2 94.8

98 49.6 38.2 57.4

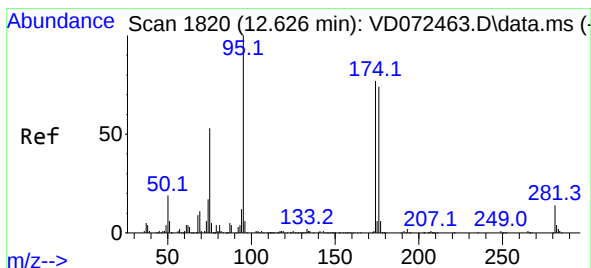
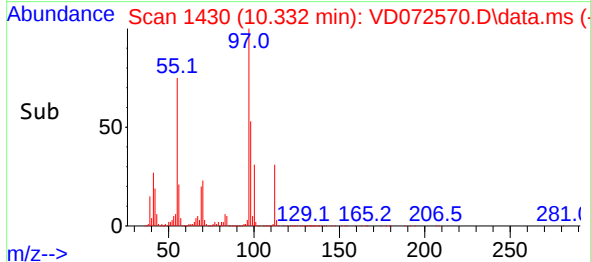
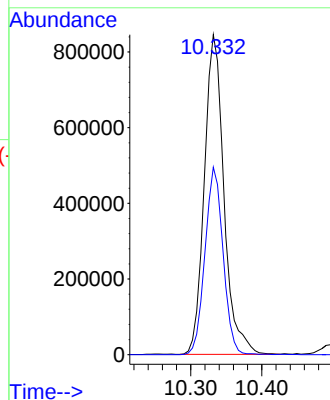
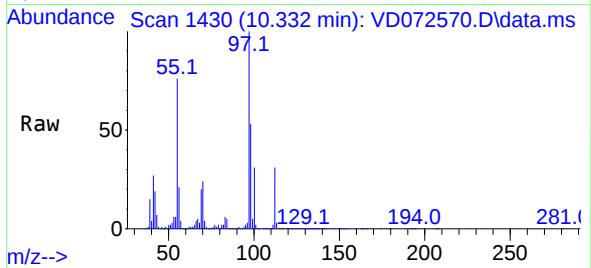




#50
Toluene-d8
Concen: 55.998 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

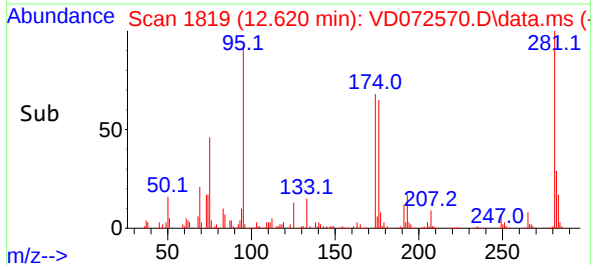
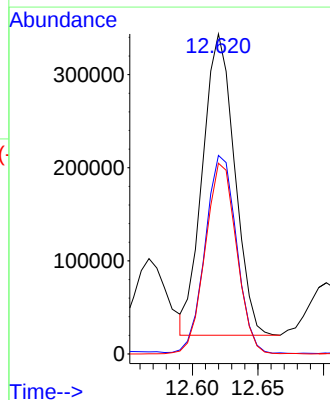
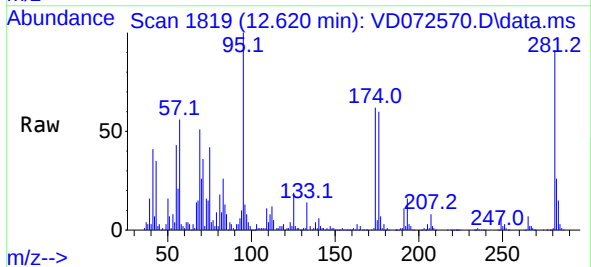
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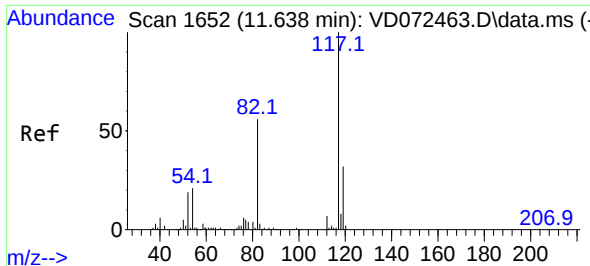
Tgt Ion: 98 Resp: 1627436
Ion Ratio Lower Upper
98 100
100 54.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.391 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion: 95 Resp: 549244
Ion Ratio Lower Upper
95 100
174 64.6 0.0 152.8
176 62.1 0.0 145.4

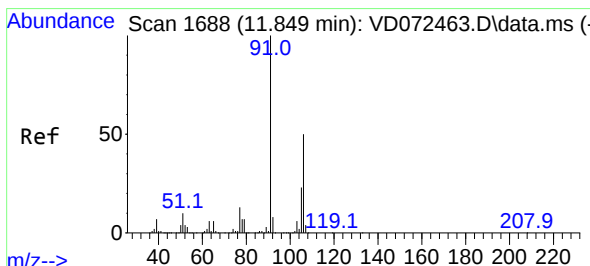
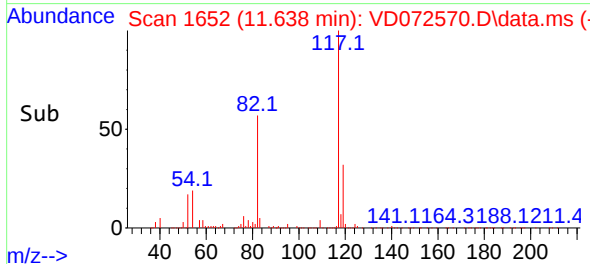
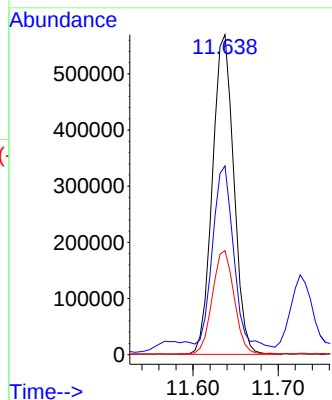
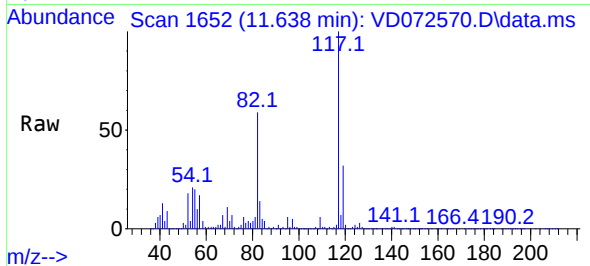




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

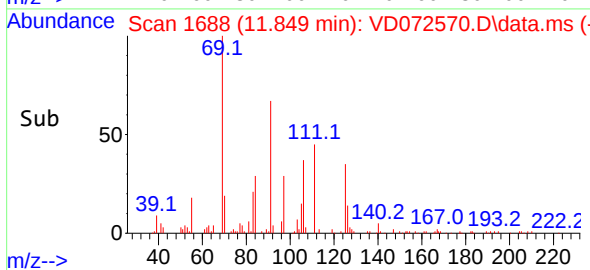
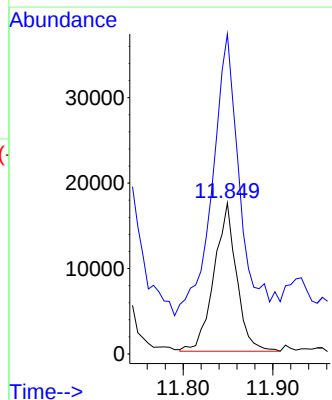
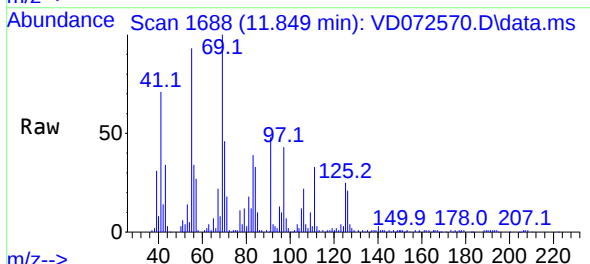
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SR-EX1B-BASE-01

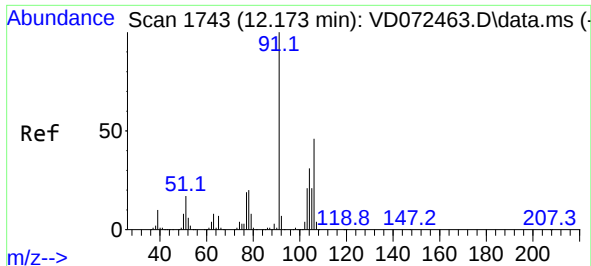
Tgt Ion:117 Resp: 993484
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.2 26.6 40.0



#68
m/p-Xylenes
Concen: 2.055 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion:106 Resp: 30221
Ion Ratio Lower Upper
106 100
91 224.6 163.7 245.5

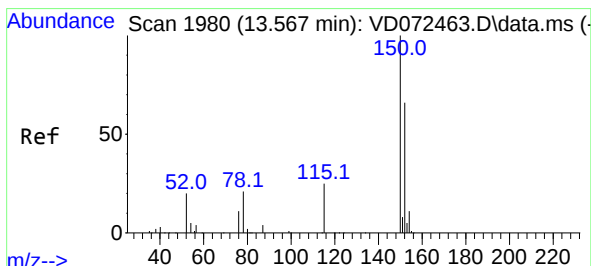
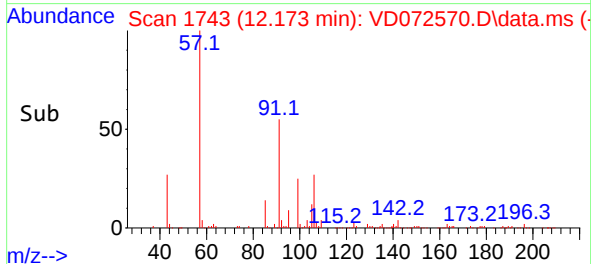
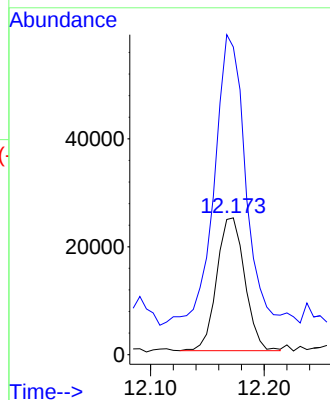
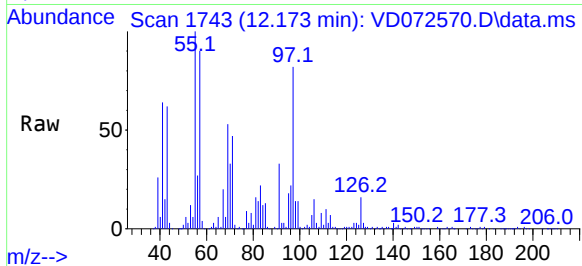




#69
o-Xylene
Concen: 2.966 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

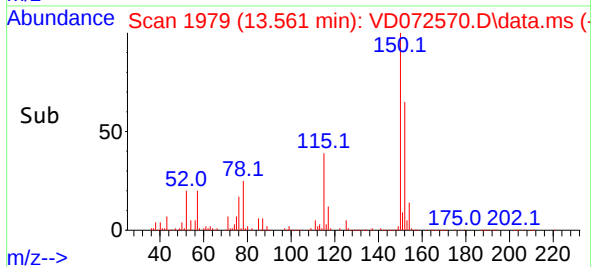
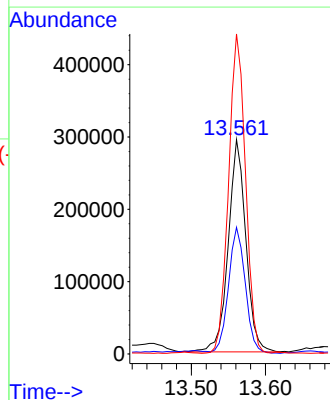
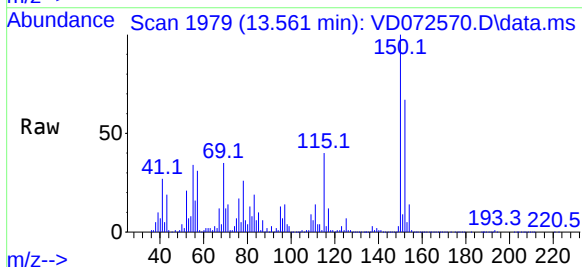
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-01

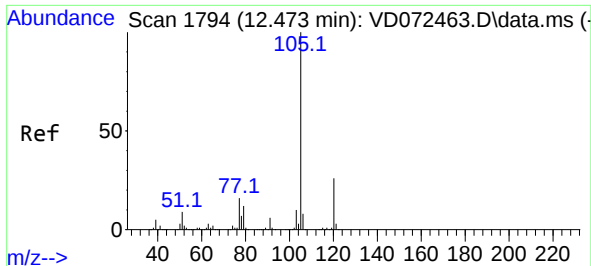
Tgt Ion:106 Resp: 42081
Ion Ratio Lower Upper
106 100
91 248.4 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion:152 Resp: 484078
Ion Ratio Lower Upper
152 100
115 56.6 31.3 93.8
150 144.8 0.0 348.6

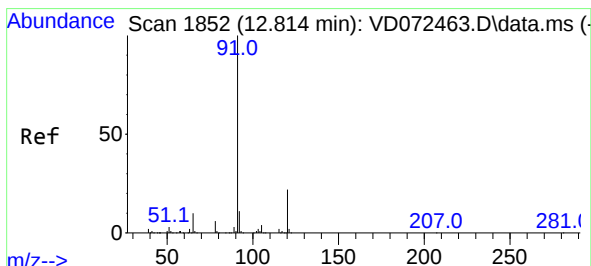
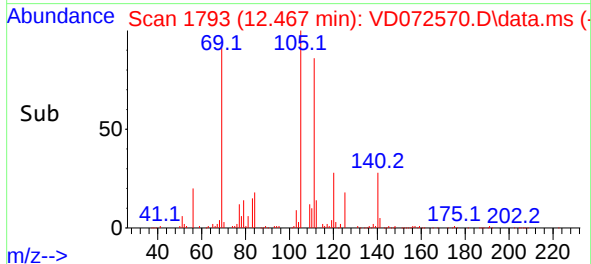
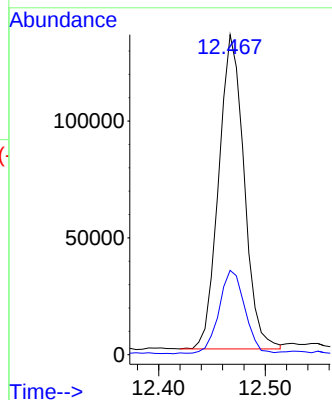
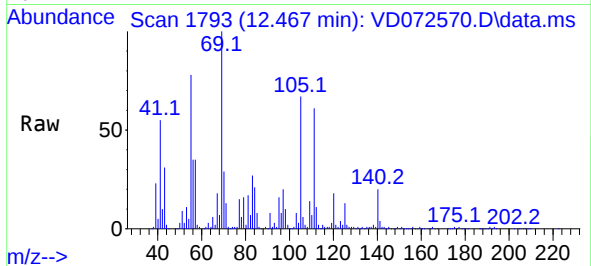




#73
Isopropylbenzene
Concen: 5.693 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

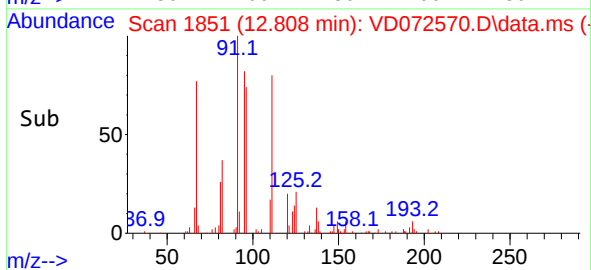
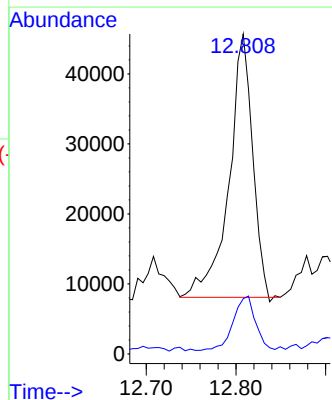
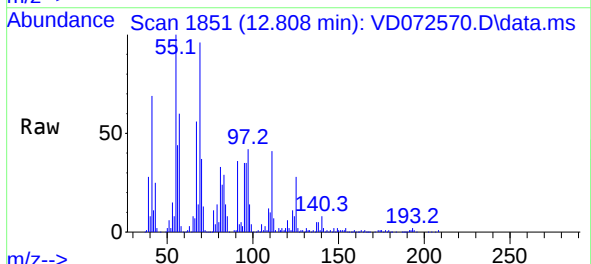
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-01

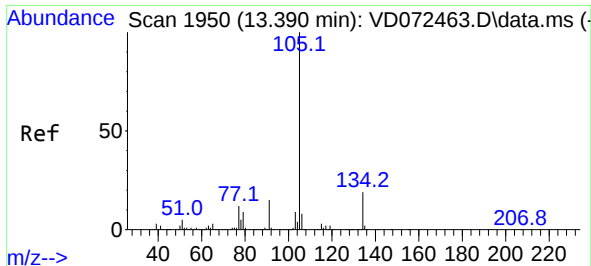
Tgt Ion:105 Resp: 222565
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9



#78
n-propylbenzene
Concen: 1.452 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072570.D
Acq: 08 Apr 2022 20:15

Tgt Ion: 91 Resp: 68462
Ion Ratio Lower Upper
91 100
120 19.6 10.9 32.9





#85
 sec-Butylbenzene
 Concen: 2.390 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD072570.D
 Acq: 08 Apr 2022 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-EX1B-BASE-01

Tgt Ion:105 Resp: 104364
 Ion Ratio Lower Upper
 105 100
 134 42.9 9.8 29.3#

