

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072569.D
 Acq On : 08 Apr 2022 19:47
 Operator : VA/SY
 Sample : N2331-02
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-EX1A-BASE-02

Quant Time: Apr 09 00:38:04 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)

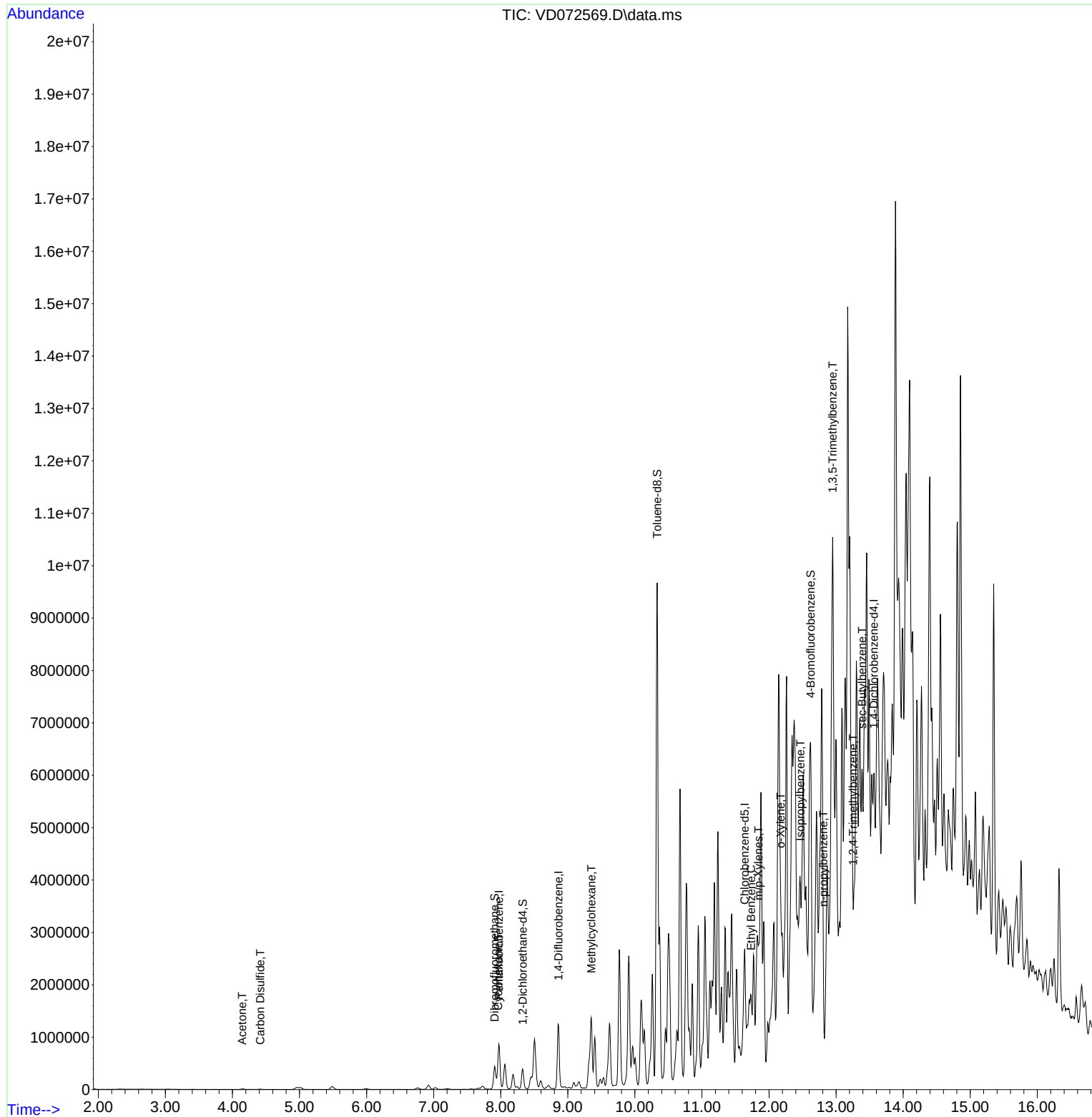
Internal Standards						
1) Pentafluorobenzene	7.973	168	570510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1008375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	949016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	514708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	301819	43.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.460%		
35) Dibromofluoromethane	7.909	113	310796	39.660	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.320%		
50) Toluene-d8	10.332	98	1636533	60.078	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	120.160%		
62) 4-Bromofluorobenzene	12.620	95	630772	59.292	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.580%		
Target Compounds						
16) Acetone	4.144	43	16029	12.456	ug/l	95
17) Carbon Disulfide	4.415	76	13810	4.780	ug/l #	93
31) Cyclohexane	7.962	56	55284	6.126	ug/l #	75
39) Methylcyclohexane	9.350	83	352050	31.326	ug/l	90
67) Ethyl Benzene	11.732	91	197928	5.346	ug/l	98
68) m/p-Xylenes	11.844	106	491321	34.981	ug/l	99
69) o-Xylene	12.173	106	300652	22.186	ug/l	99
73) Isopropylbenzene	12.467	105	352638	8.483	ug/l	99
78) n-propylbenzene	12.808	91	161112	3.213	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	176224	4.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	49830	1.431	ug/l	86
85) sec-Butylbenzene	13.391	105	156814	3.378	ug/l #	55

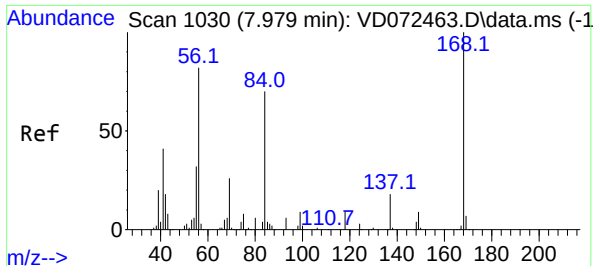
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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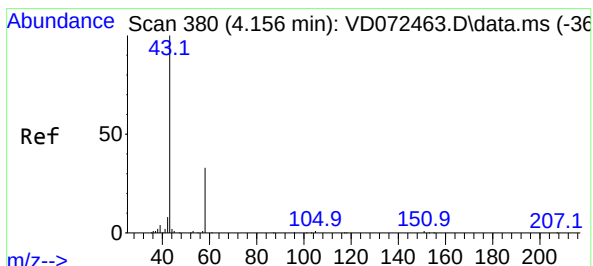
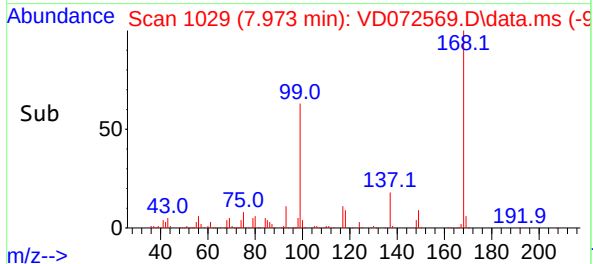
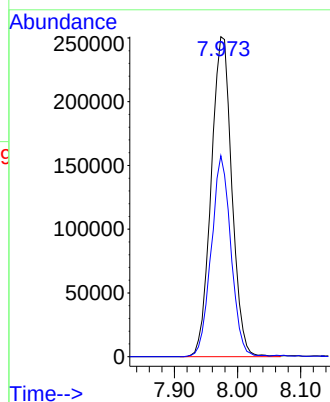
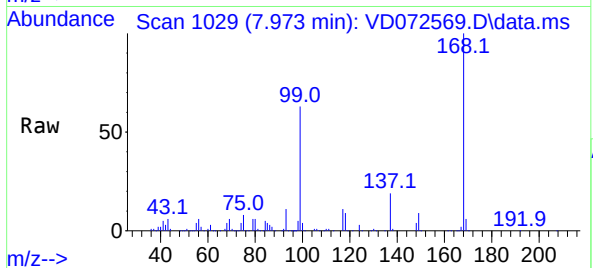




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

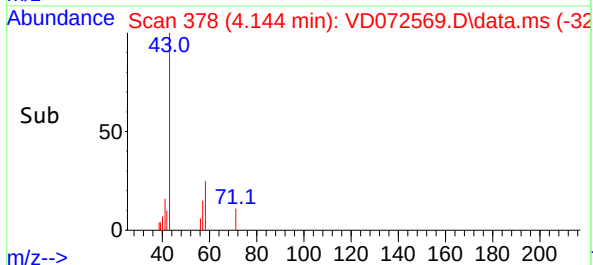
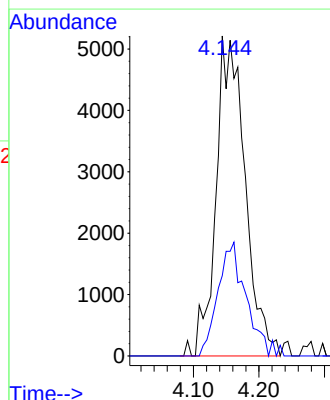
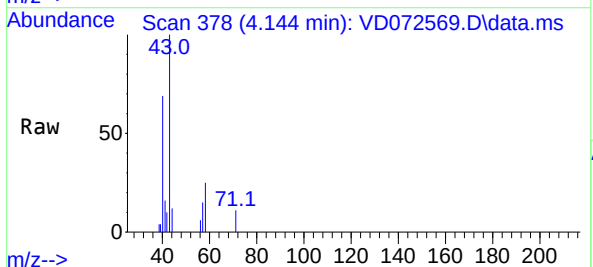
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02

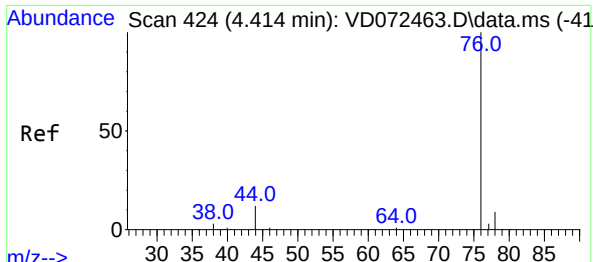
Tgt Ion:168 Resp: 570510
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#16
Acetone
Concen: 12.456 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

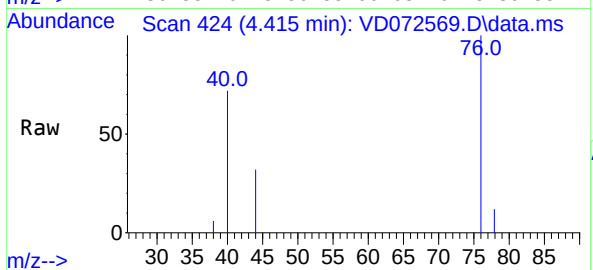
Tgt Ion: 43 Resp: 16029
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1



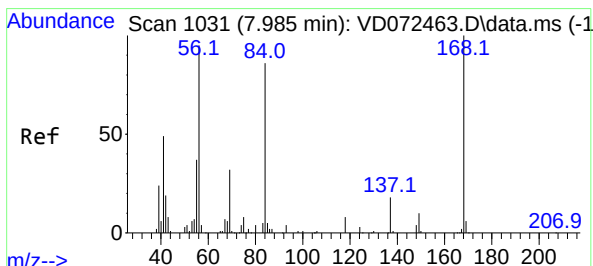
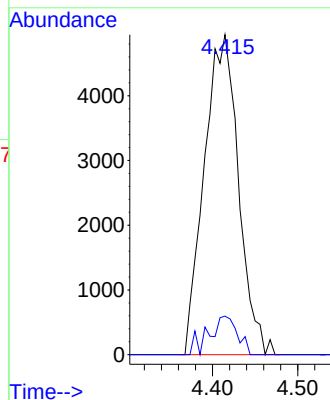
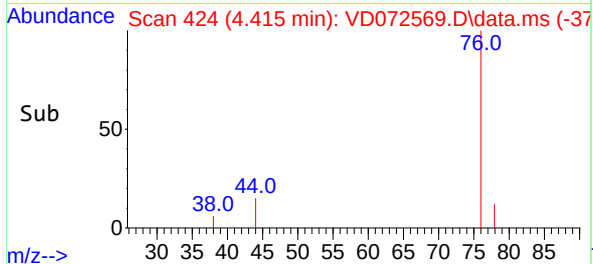


#17
Carbon Disulfide
Concen: 4.780 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

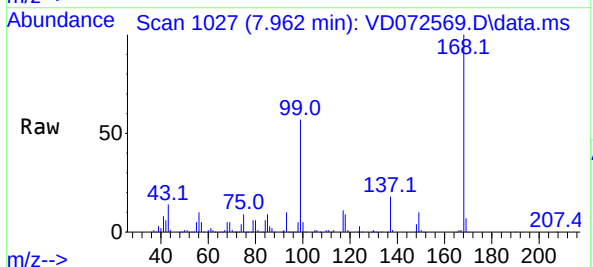
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02



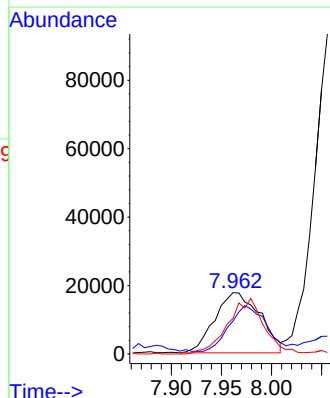
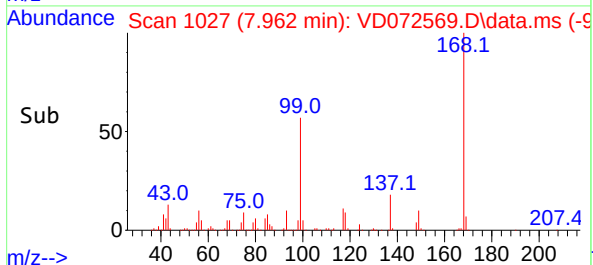
Tgt Ion: 76 Resp: 13810
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#

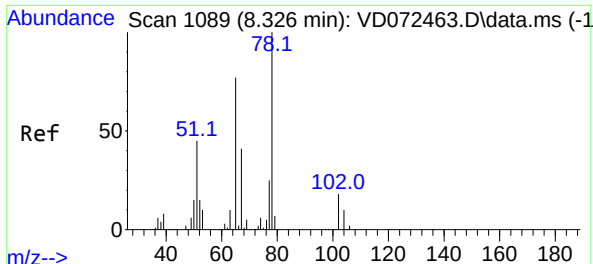


#31
Cyclohexane
Concen: 6.126 ug/l
RT: 7.962 min Scan# 1027
Delta R.T. -0.023 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47



Tgt Ion: 56 Resp: 55284
Ion Ratio Lower Upper
56 100
69 50.0 25.4 38.2#
84 58.9 63.0 94.4#

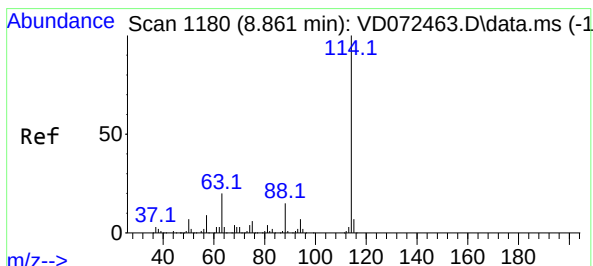
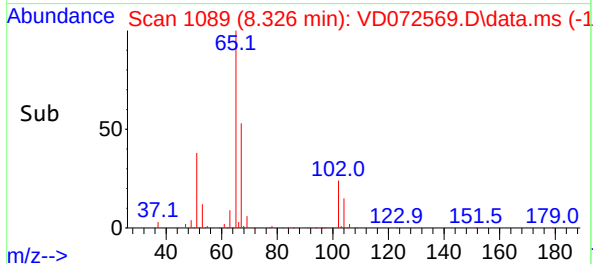
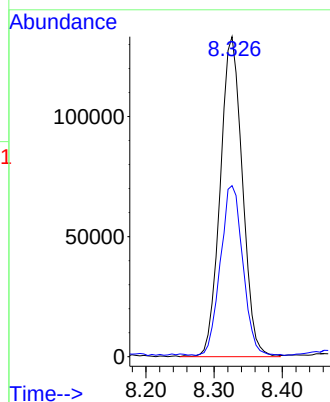
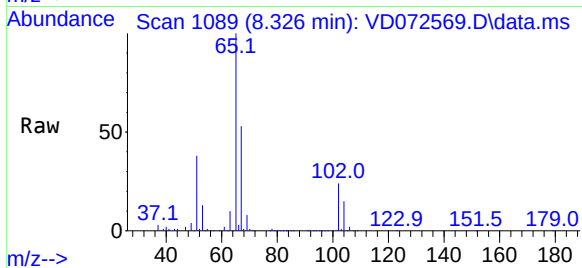




#33
1,2-Dichloroethane-d4
Concen: 43.733 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

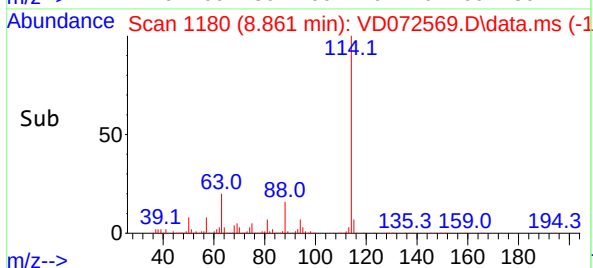
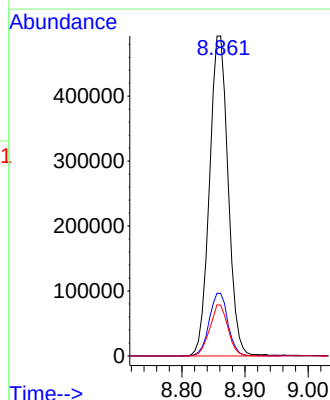
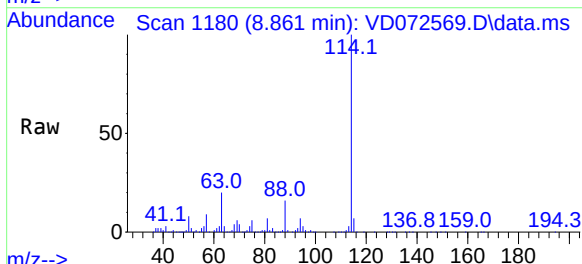
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02

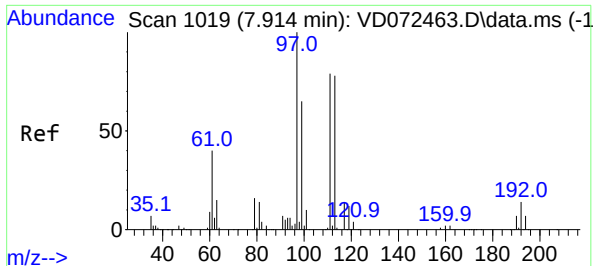
Tgt Ion: 65 Resp: 301819
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion: 114 Resp: 1008375
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 39.660 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072569.D

Acq: 08 Apr 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

SR-EX1A-BASE-02

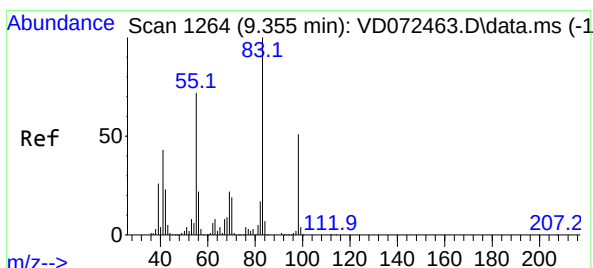
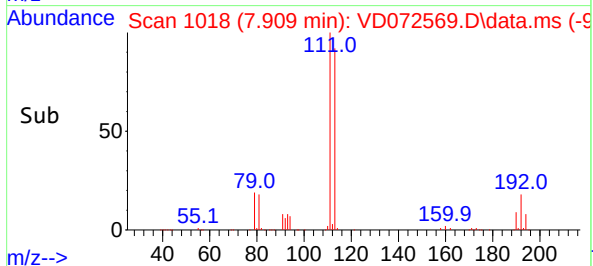
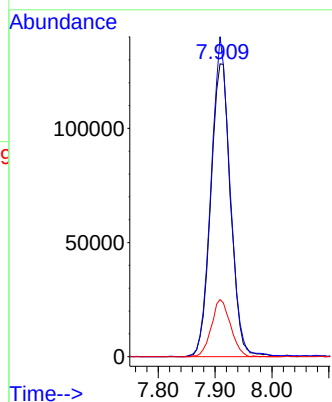
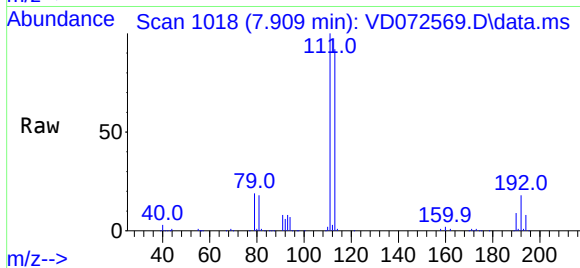
Tgt Ion:113 Resp: 310796

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.8 14.6 21.8



#39

Methylcyclohexane

Concen: 31.326 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.005 min

Lab File: VD072569.D

Acq: 08 Apr 2022 19:47

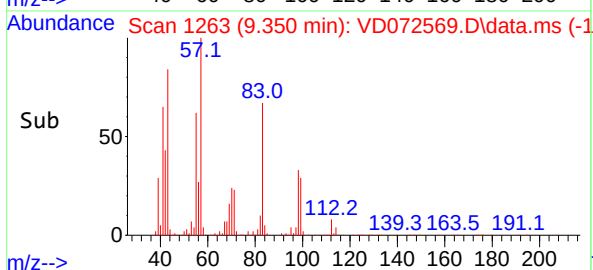
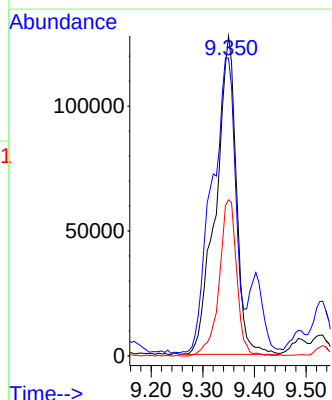
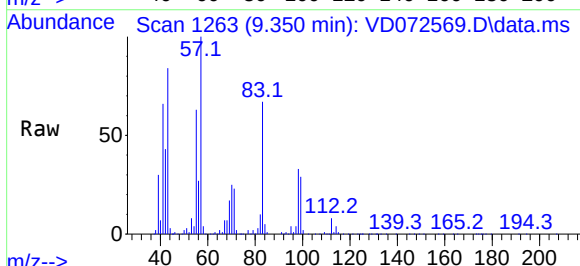
Tgt Ion: 83 Resp: 352050

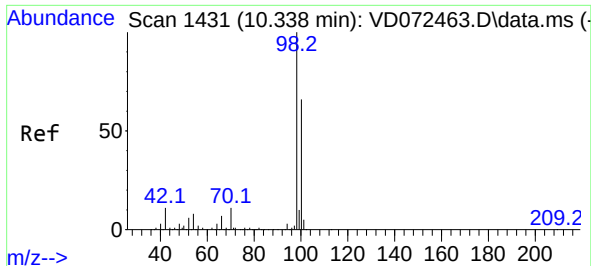
Ion Ratio Lower Upper

83 100

55 92.5 63.2 94.8

98 49.0 38.2 57.4

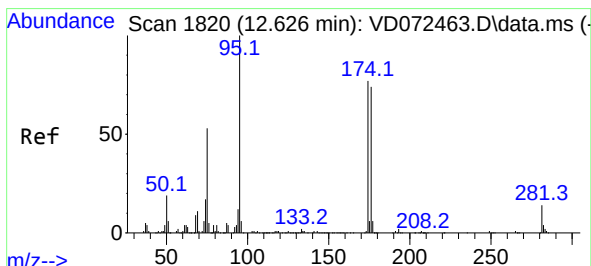
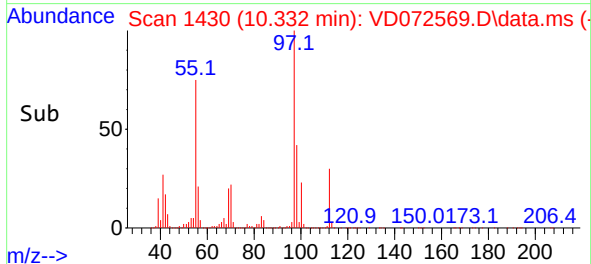
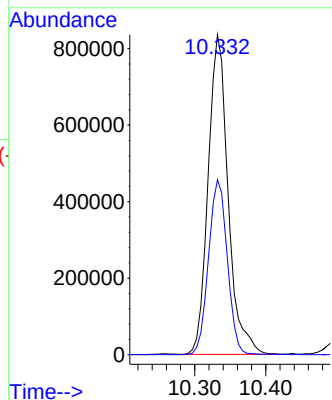
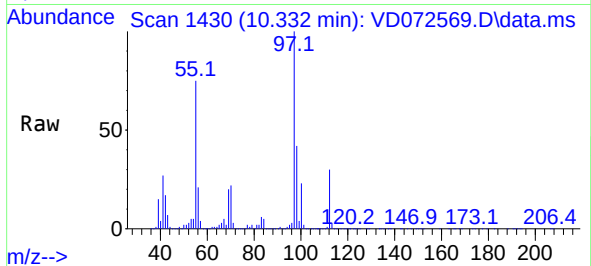




#50
Toluene-d8
Concen: 60.078 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

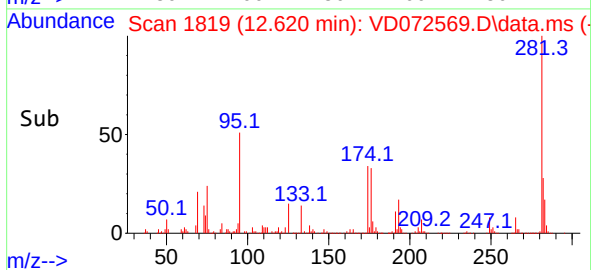
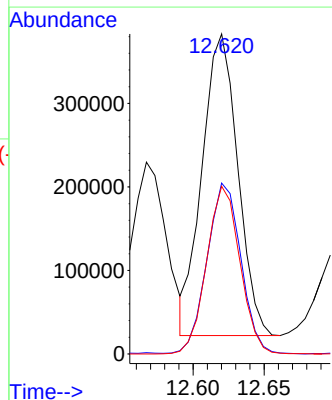
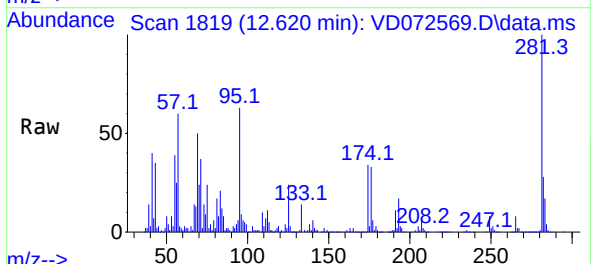
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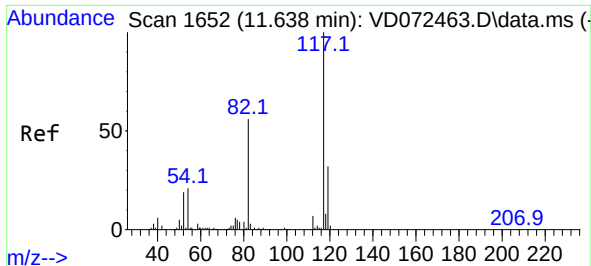
Tgt Ion: 98 Resp: 1636533
Ion Ratio Lower Upper
98 100
100 51.4 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 59.292 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion: 95 Resp: 630772
Ion Ratio Lower Upper
95 100
174 53.9 0.0 152.8
176 52.0 0.0 145.4

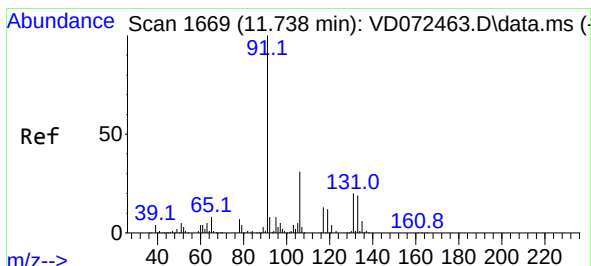
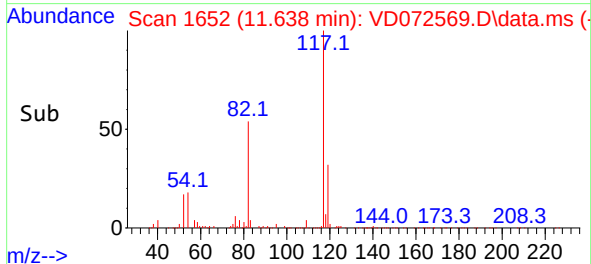
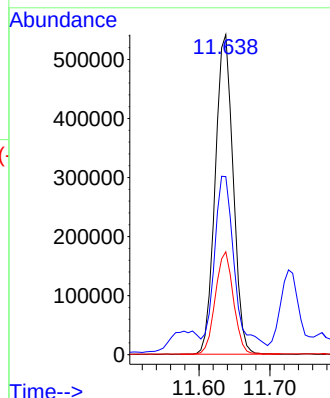
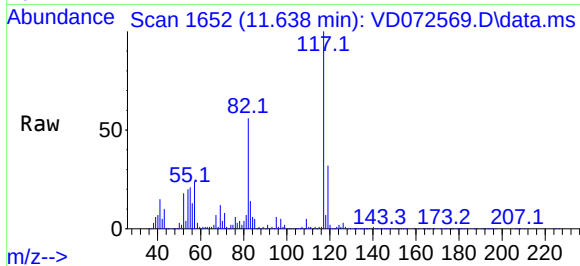




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

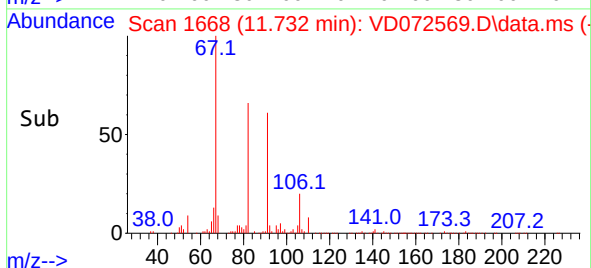
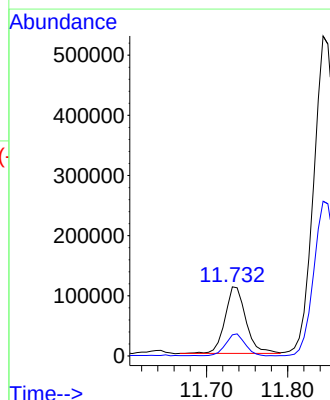
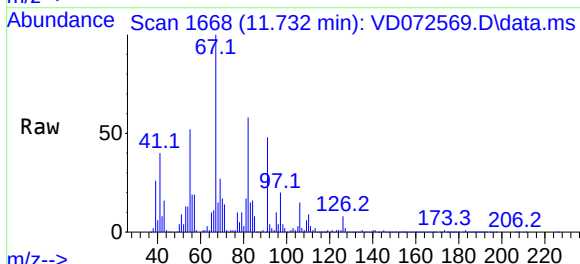
Instrument :
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SR-EX1A-BASE-02

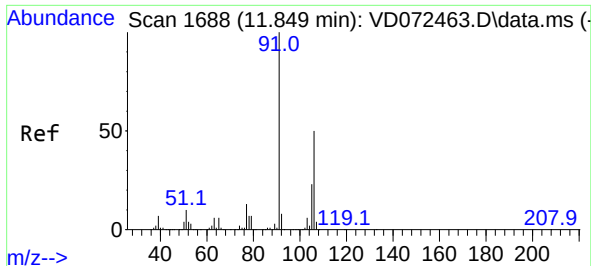
Tgt Ion:117 Resp: 949016
Ion Ratio Lower Upper
117 100
82 48.7 45.3 67.9
119 32.0 26.6 40.0



#67
Ethyl Benzene
Concen: 5.346 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion: 91 Resp: 197928
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4

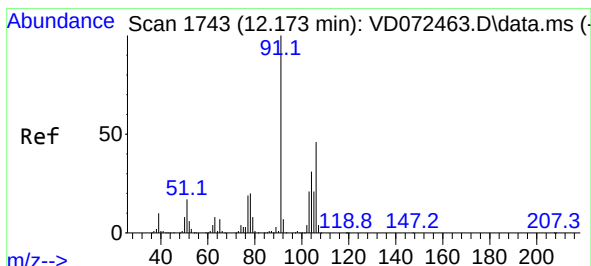
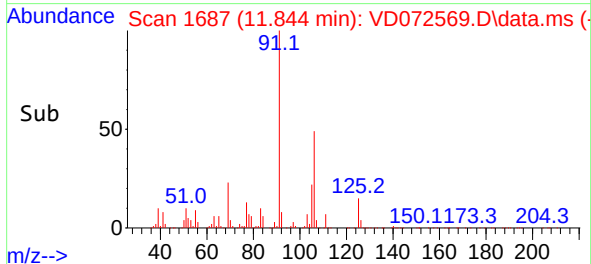
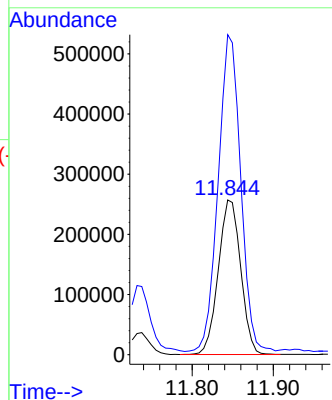
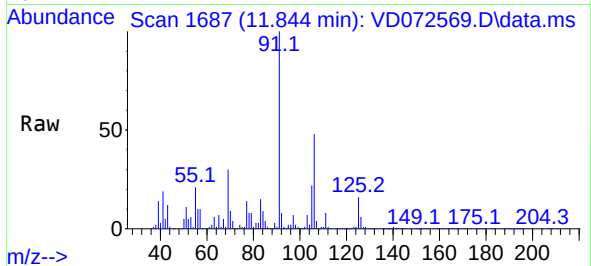




#68
m/p-Xylenes
Concen: 34.981 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

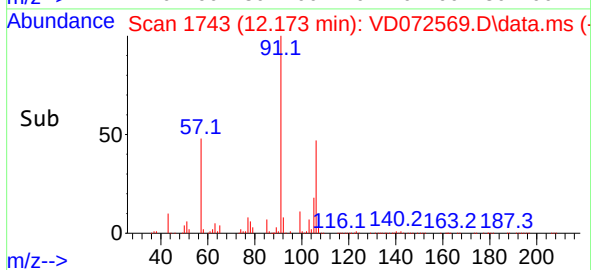
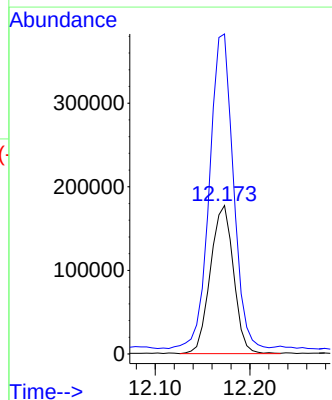
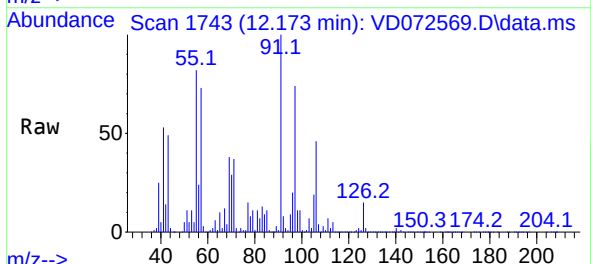
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02

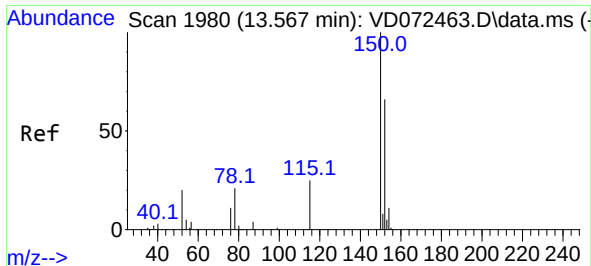
Tgt Ion:106 Resp: 491321
Ion Ratio Lower Upper
106 100
91 205.8 163.7 245.5



#69
o-Xylene
Concen: 22.186 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion:106 Resp: 300652
Ion Ratio Lower Upper
106 100
91 218.7 110.4 331.2

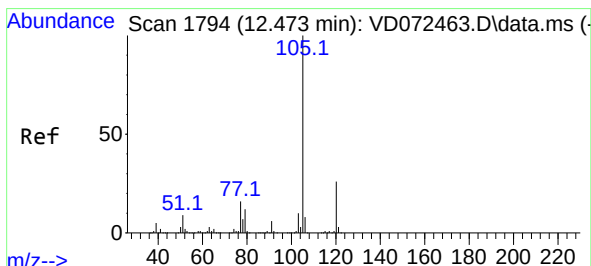
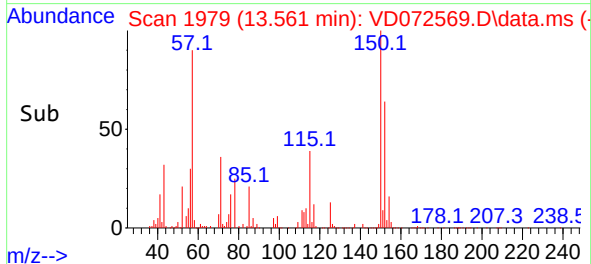
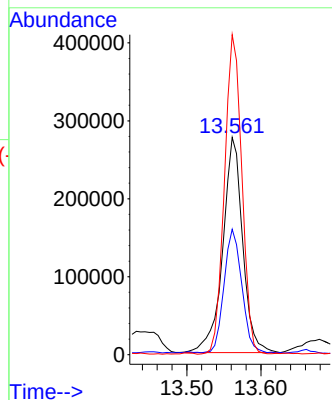
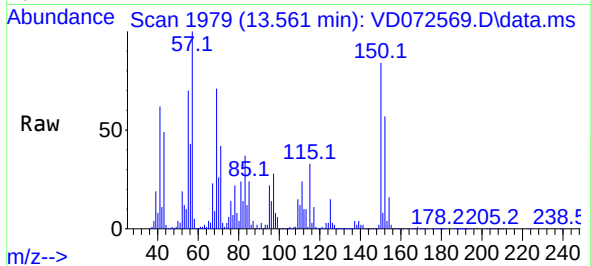




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

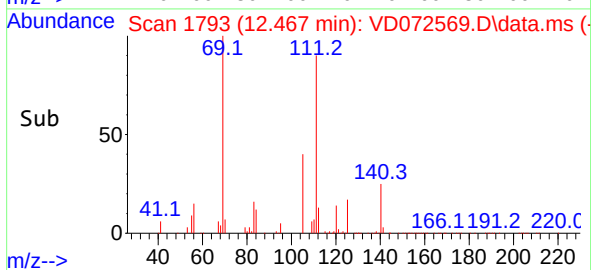
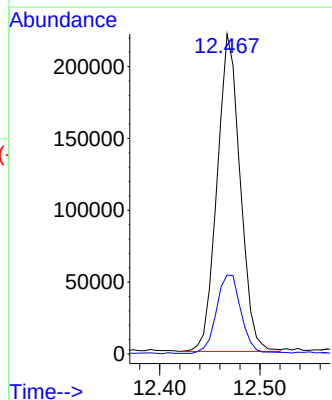
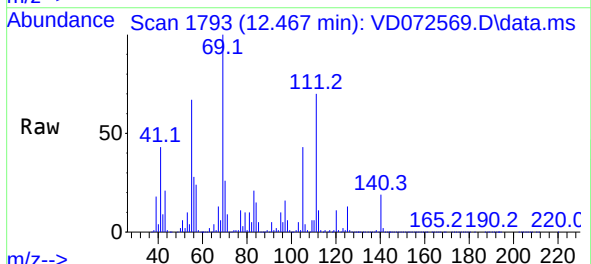
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02

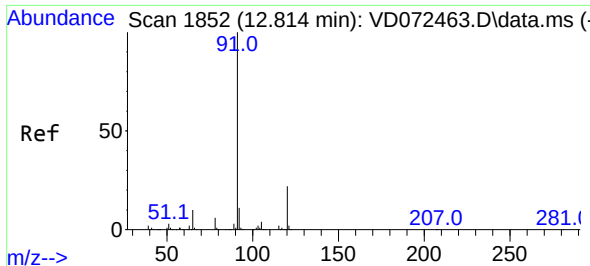
Tgt Ion:152 Resp: 514708
Ion Ratio Lower Upper
152 100
115 51.6 31.3 93.8
150 129.8 0.0 348.6



#73
Isopropylbenzene
Concen: 8.483 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion:105 Resp: 352638
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

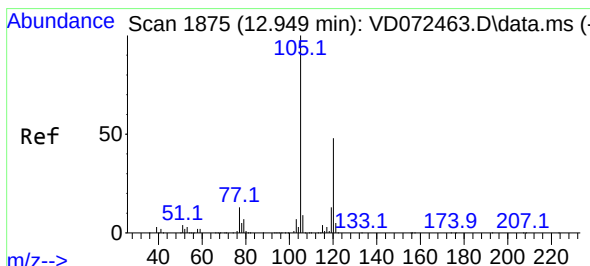
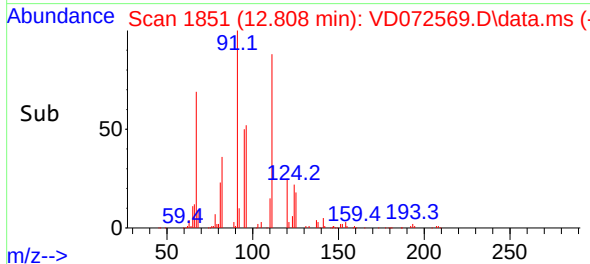
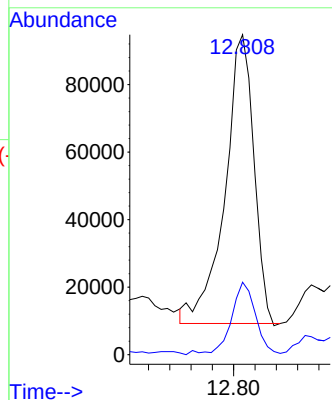
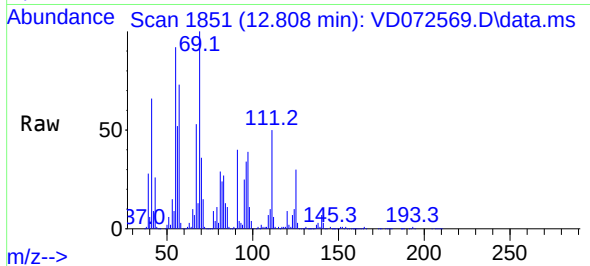




#78
n-propylbenzene
Concen: 3.213 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

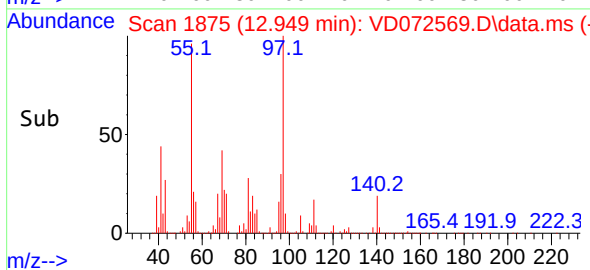
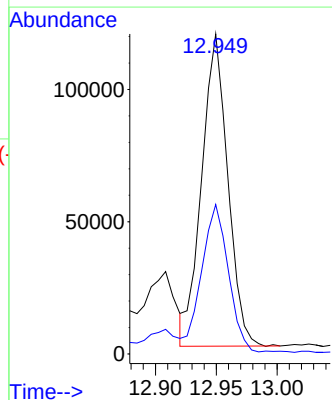
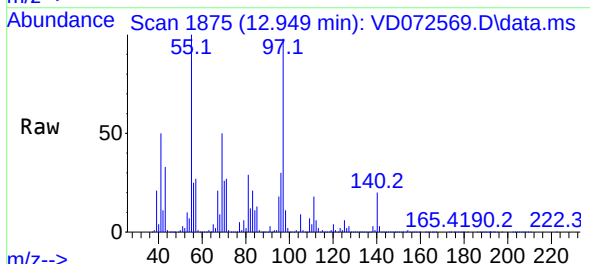
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02

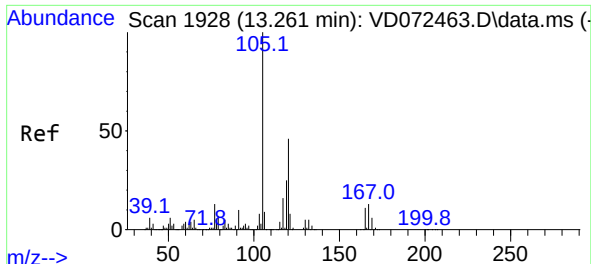
Tgt Ion: 91 Resp: 161112
Ion Ratio Lower Upper
91 100
120 19.8 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 4.950 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion:105 Resp: 176224
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

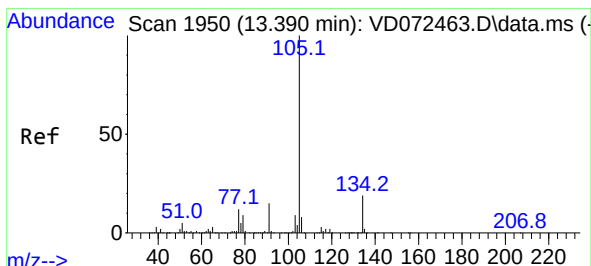
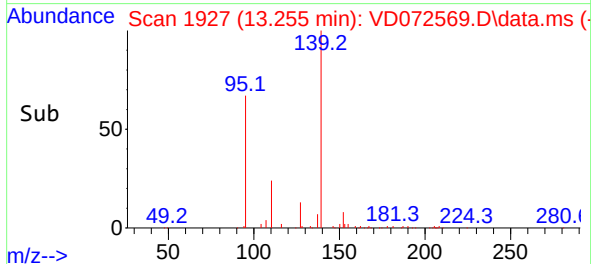
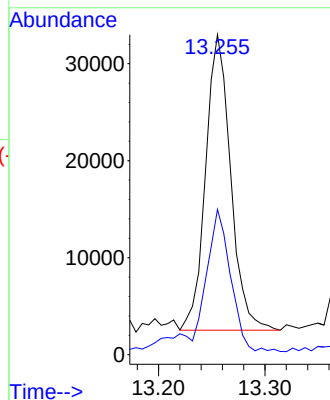
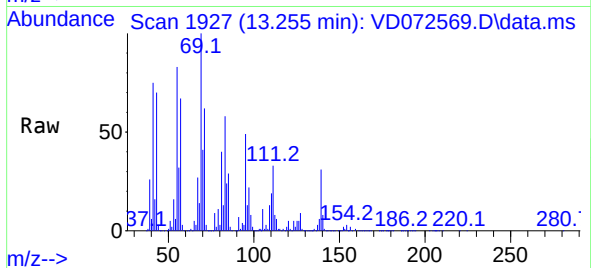




#84
1,2,4-Trimethylbenzene
Concen: 1.431 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Instrument :
MSVOA_D
ClientSampleId :
SR-EX1A-BASE-02

Tgt Ion:105 Resp: 49830
Ion Ratio Lower Upper
105 100
120 53.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 3.378 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072569.D
Acq: 08 Apr 2022 19:47

Tgt Ion:105 Resp: 156814
Ion Ratio Lower Upper
105 100
134 39.9 9.8 29.3#

