

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073079.D
 Acq On : 18 May 2022 02:45
 Operator : VA/SY
 Sample : N2830-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AUD-1275

Quant Time: May 18 05:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

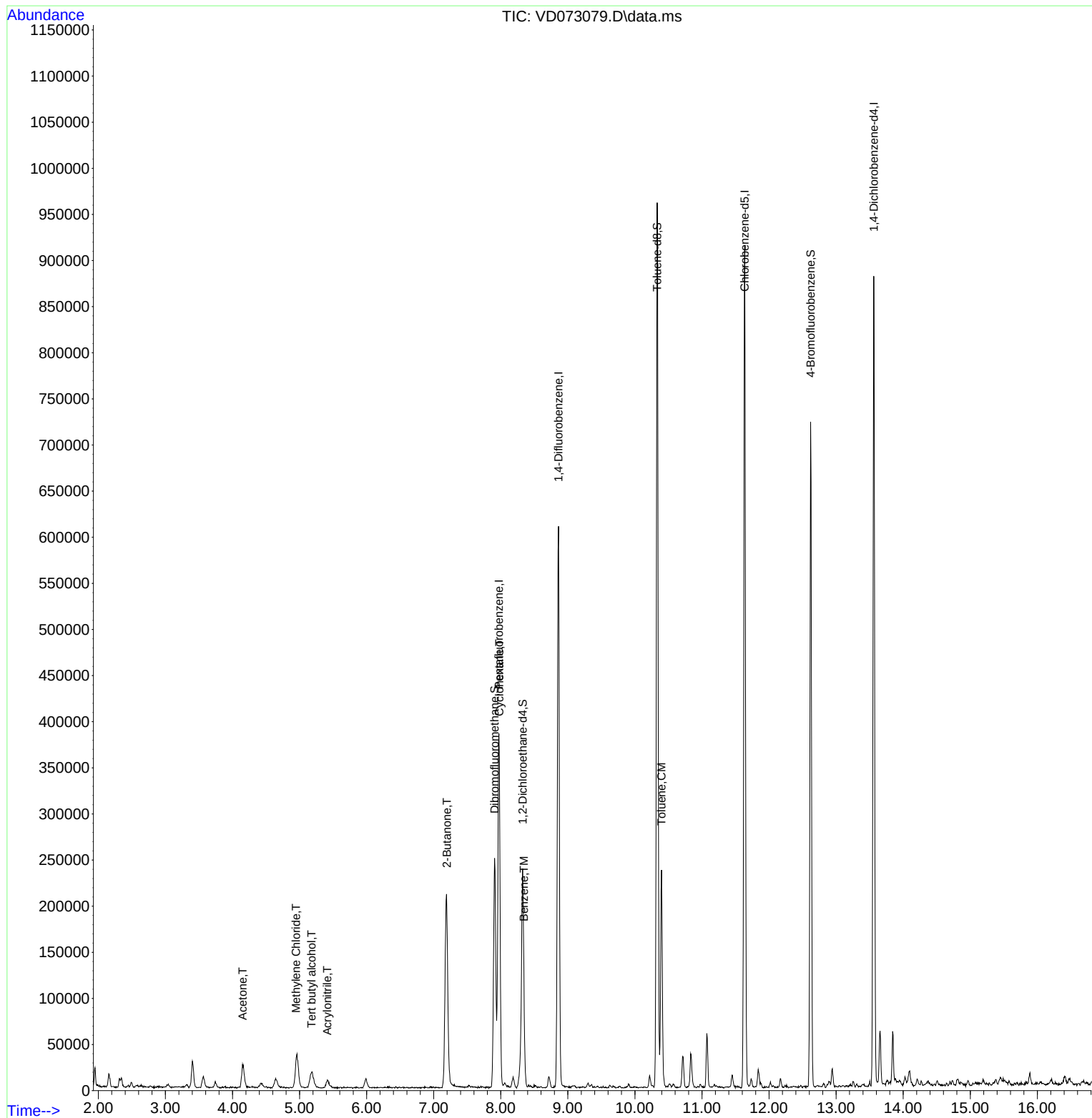
Internal Standards						
1) Pentafluorobenzene	7.973	168	276558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	515201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170760	49.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.740%		
35) Dibromofluoromethane	7.908	113	178895	49.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.920%		
50) Toluene-d8	10.332	98	639142	48.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.620	95	230045	48.400	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.800%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.179	59	19076	35.659	ug/l #	74
15) Acrylonitrile	5.414	53	10705	13.604	ug/l	97
16) Acetone	4.150	43	44642	71.327	ug/l #	89
20) Methylene Chloride	4.950	84	28102	6.186	ug/l	86
25) 2-Butanone	7.197	43	21932	23.141	ug/l #	82
31) Cyclohexane	7.979	56	9650	1.549	ug/l #	52
40) Benzene	8.344	78	35972	2.134	ug/l	94
52) Toluene	10.396	92	99538	9.303	ug/l	95

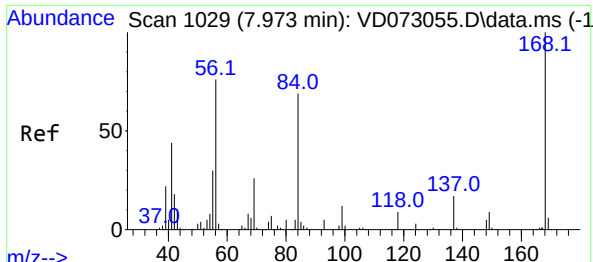
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
AUD-1275

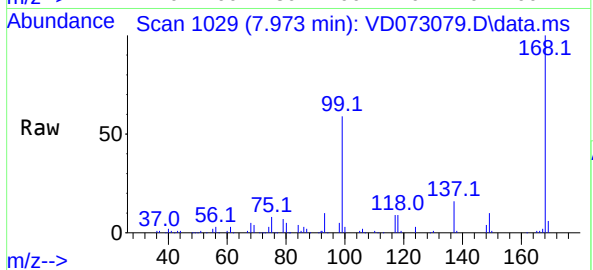
Quant Time: May 18 05:14:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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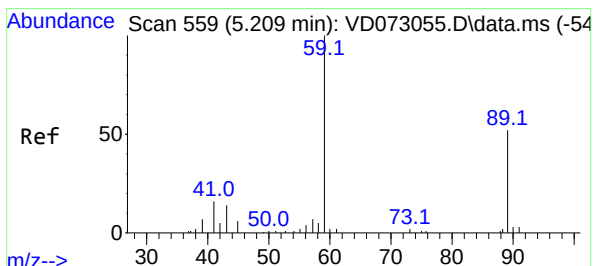
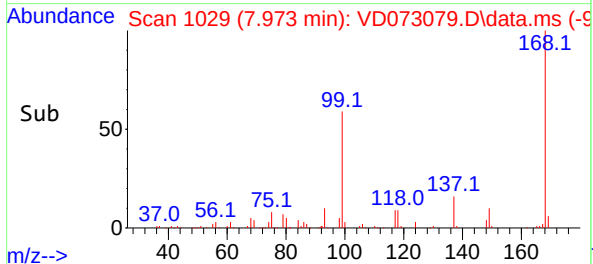
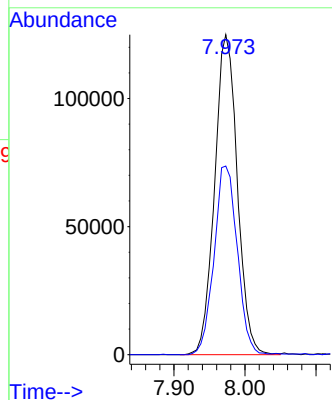


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Instrument :
MSVOA_D
ClientSampleId :
AUD-1275

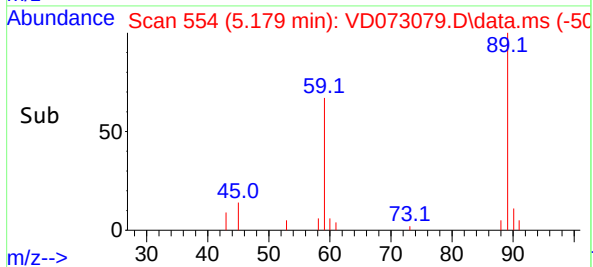
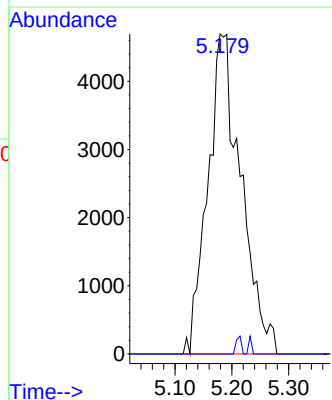
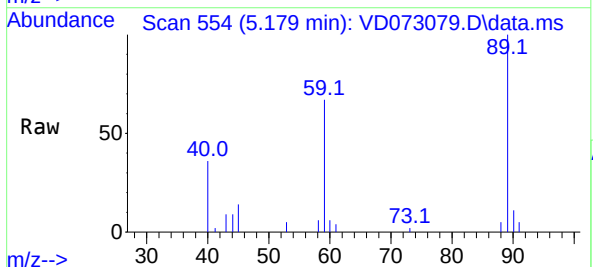


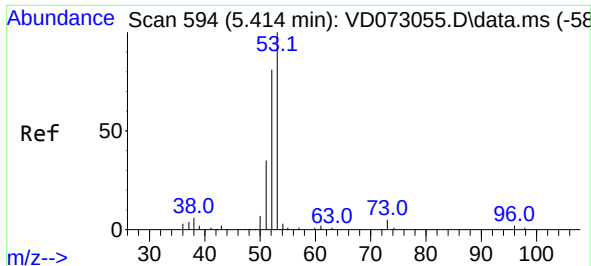
Tgt Ion:168 Resp: 276558
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#11
Tert butyl alcohol
Concen: 35.659 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Tgt Ion: 59 Resp: 19076
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



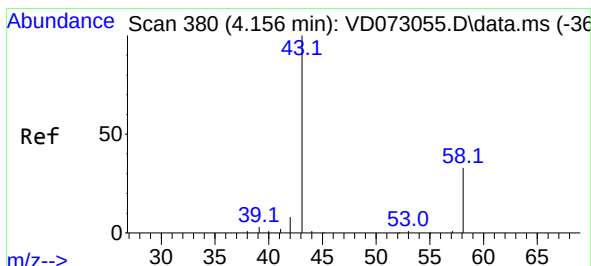
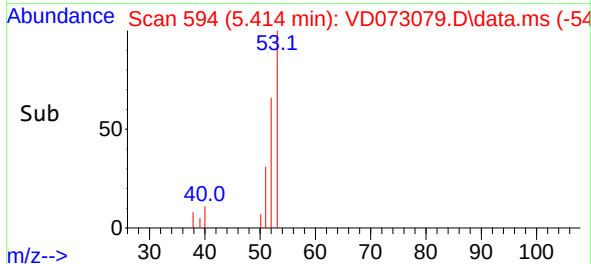
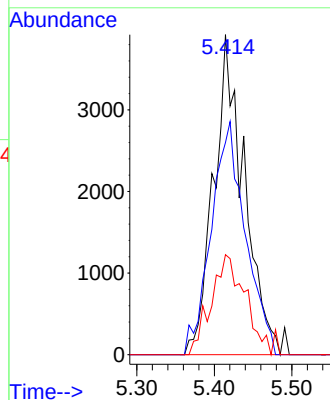
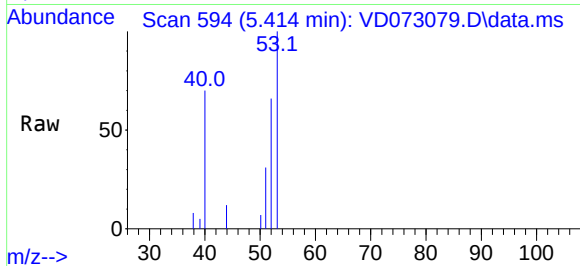


#15
Acrylonitrile
Concen: 13.604 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Instrument :
MSVOA_D
ClientSampleId :
AUD-1275

Tgt Ion: 53 Resp: 10705

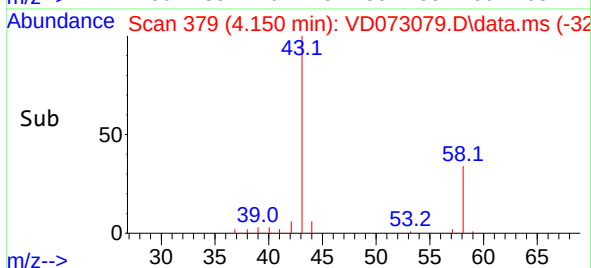
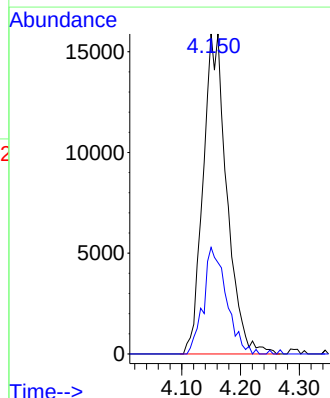
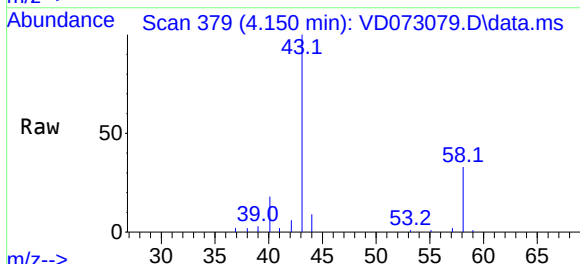
Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.2	100.8
51	34.8	30.3	45.5

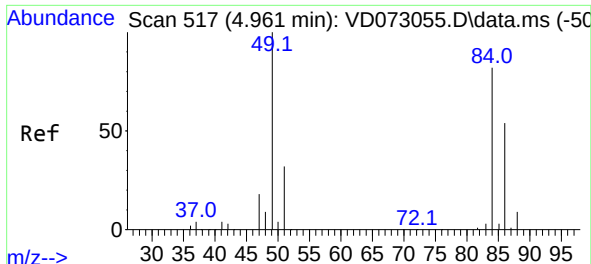


#16
Acetone
Concen: 71.327 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Tgt Ion: 43 Resp: 44642

Ion	Ratio	Lower	Upper
43	100		
58	33.3	22.1	33.1#



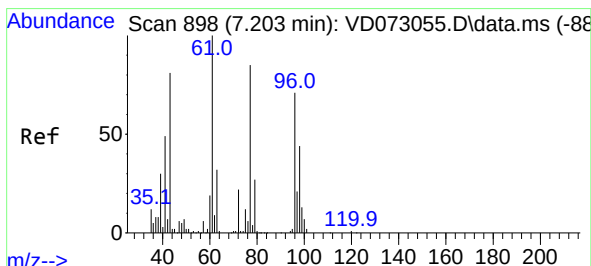
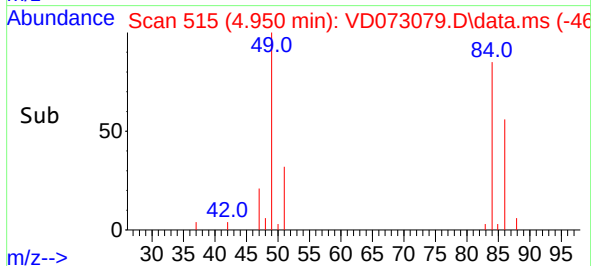
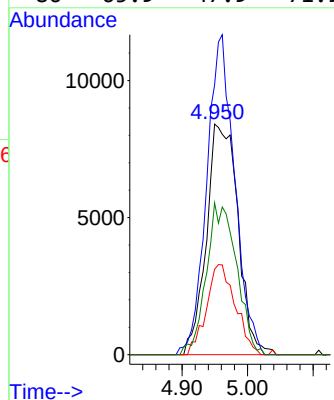
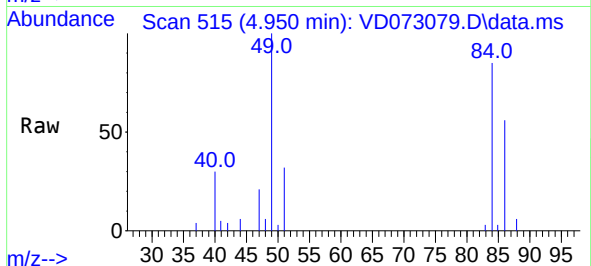


#20
Methylene Chloride
Concen: 6.186 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Instrument :
MSVOA_D
ClientSampleId :
AUD-1275

Tgt Ion: 84 Resp: 28102

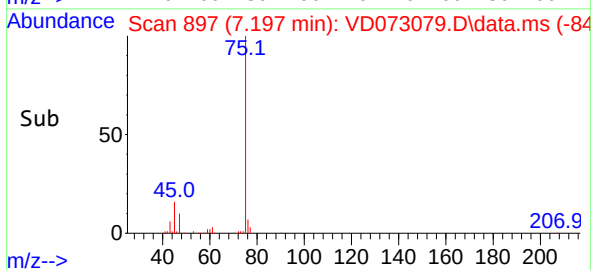
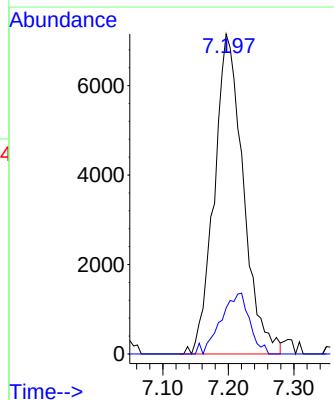
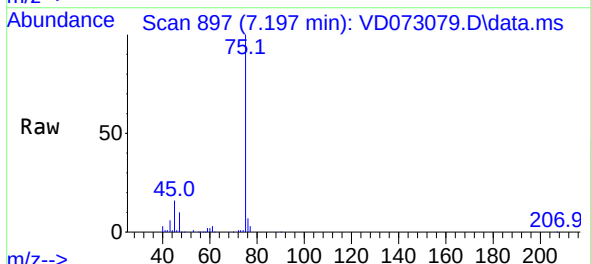
Ion	Ratio	Lower	Upper
84	100		
49	117.0	112.8	169.2
51	37.1	32.6	48.8
86	65.9	47.9	71.9

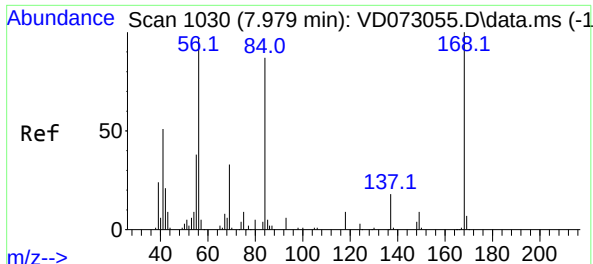


#25
2-Butanone
Concen: 23.141 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Tgt Ion: 43 Resp: 21932

Ion	Ratio	Lower	Upper
43	100		
72	14.4	18.6	27.8#

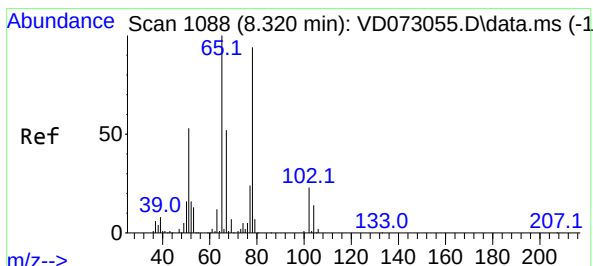
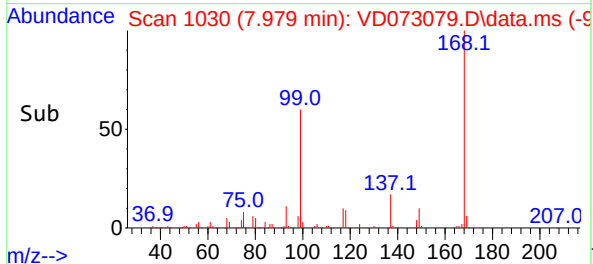
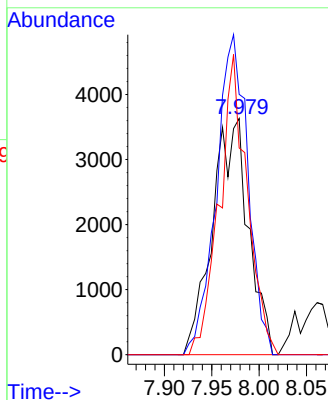
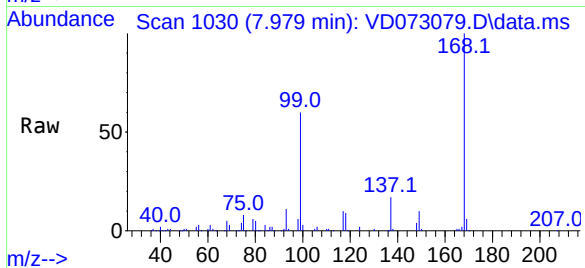




#31
Cyclohexane
Concen: 1.549 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

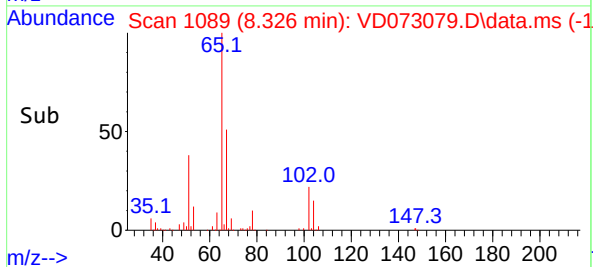
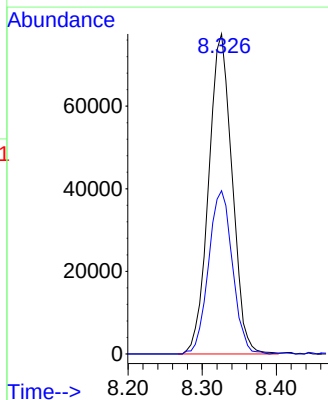
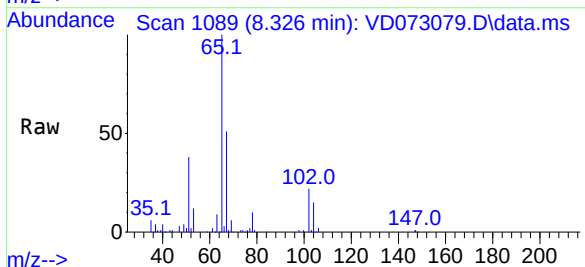
Instrument :
MSVOA_D
ClientSampleId :
AUD-1275

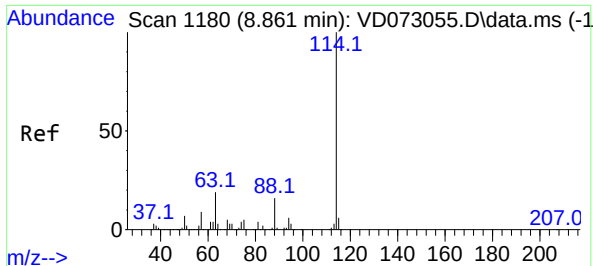
Tgt Ion: 56 Resp: 9650
Ion Ratio Lower Upper
56 100
69 110.2 25.4 38.2#
84 87.5 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 49.373 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Tgt Ion: 65 Resp: 170760
Ion Ratio Lower Upper
65 100
67 51.8 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: VD073079.D

Acq: 18 May 2022 02:45

Instrument :

MSVOA_D

ClientSampleId :

AUD-1275

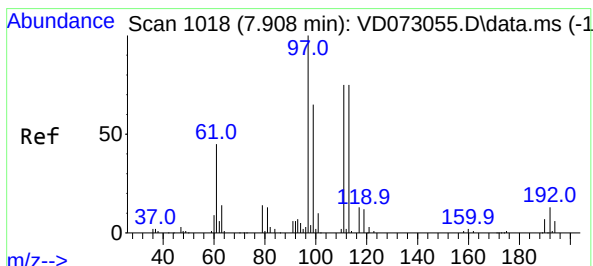
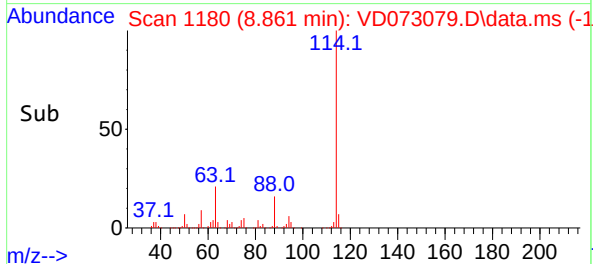
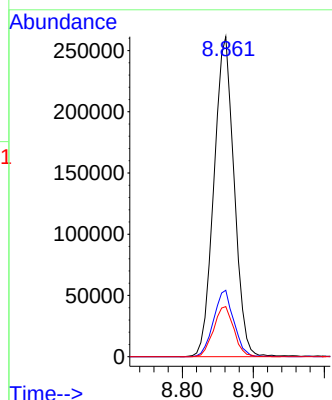
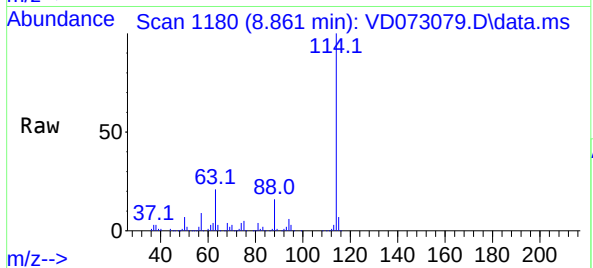
Tgt Ion:114 Resp: 515201

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.456 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073079.D

Acq: 18 May 2022 02:45

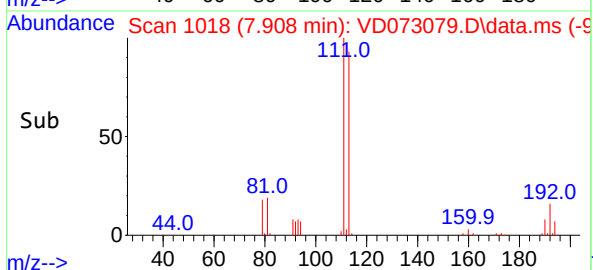
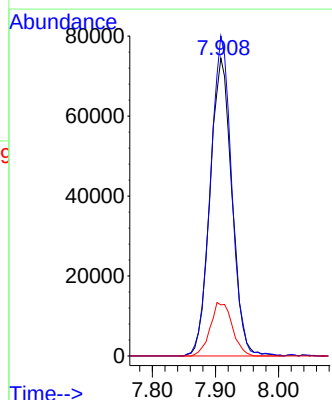
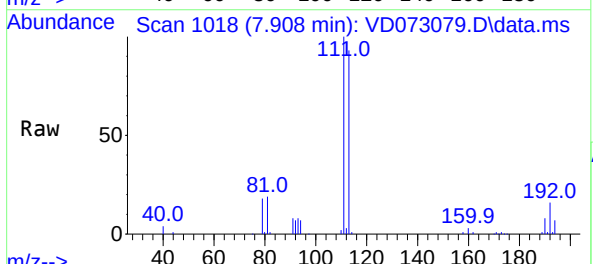
Tgt Ion:113 Resp: 178895

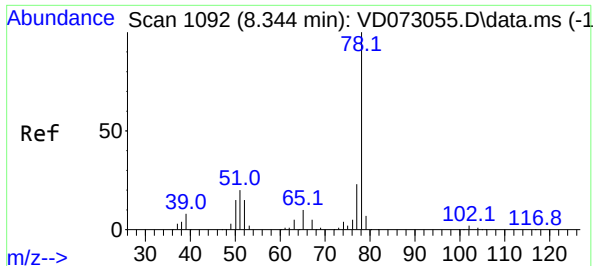
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.0 14.6 21.8

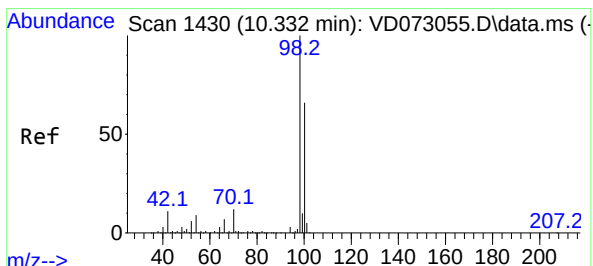
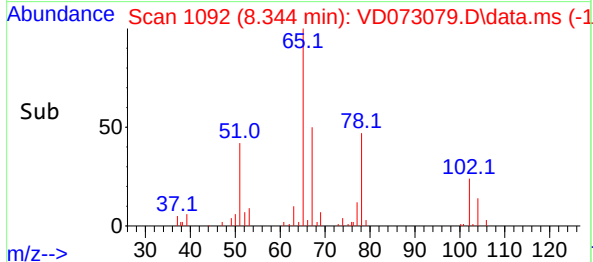
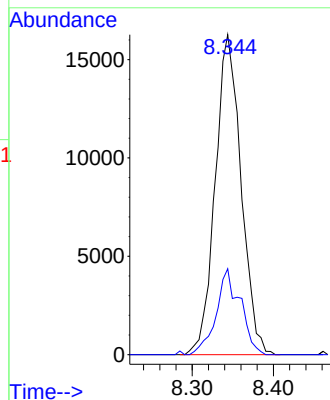
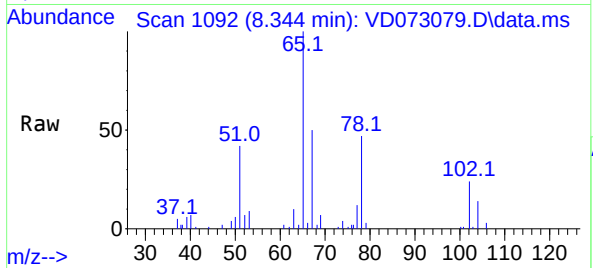




#40
Benzene
Concen: 2.134 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

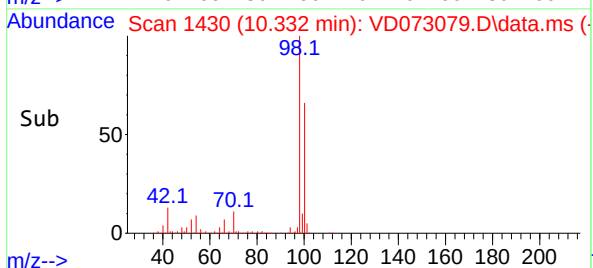
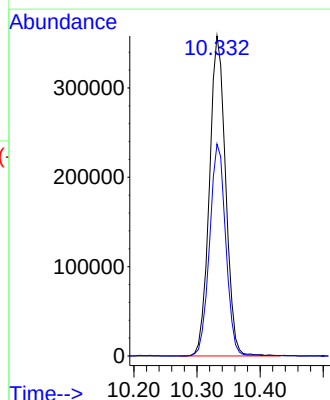
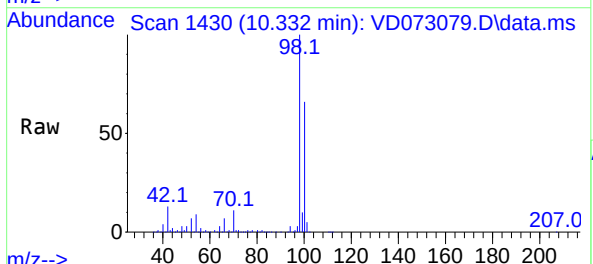
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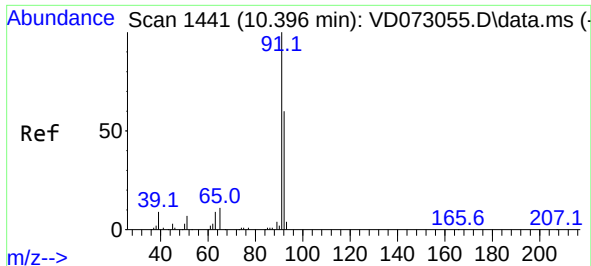
Tgt Ion: 78 Resp: 35972
Ion Ratio Lower Upper
78 100
77 26.8 19.1 28.7



#50
Toluene-d8
Concen: 48.705 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

Tgt Ion: 98 Resp: 639142
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

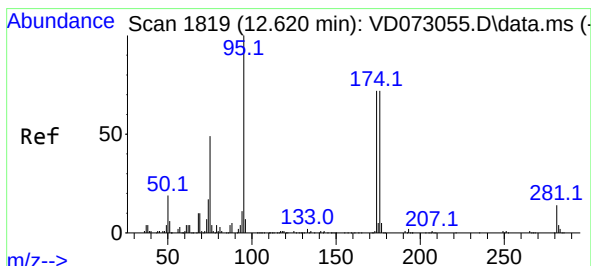
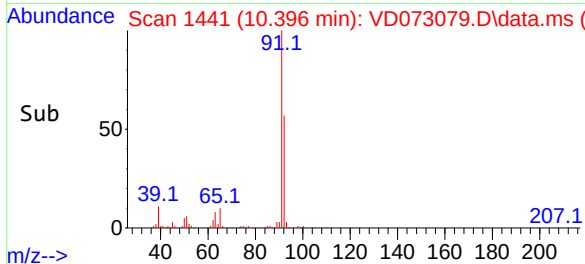
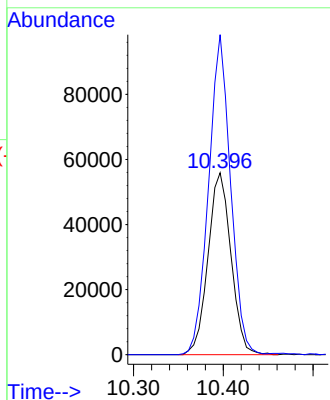
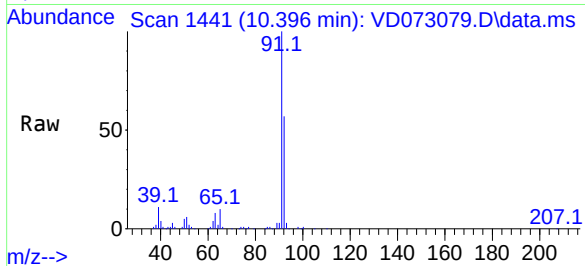




#52
Toluene
Concen: 9.303 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

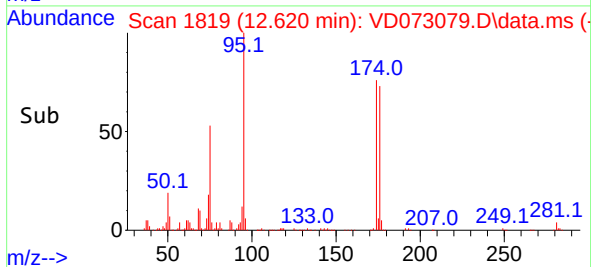
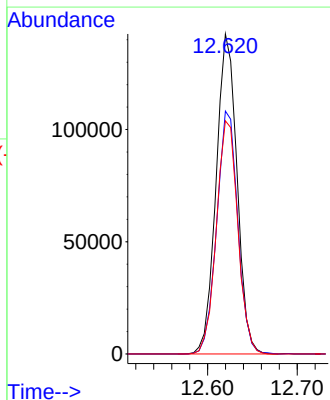
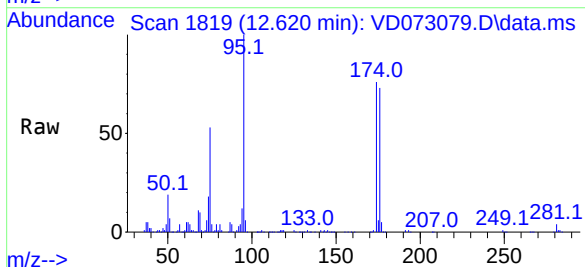
Instrument :
MSVOA_D
ClientSampleId :
AUD-1275

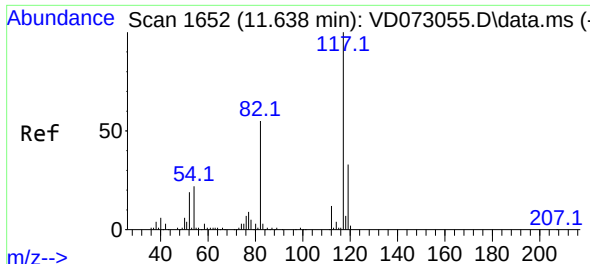
Tgt Ion: 92 Resp: 99538
Ion Ratio Lower Upper
92 100
91 167.9 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 48.400 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

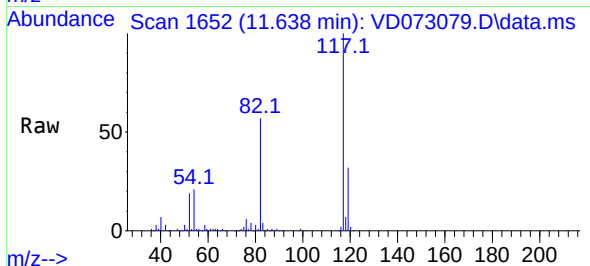
Tgt Ion: 95 Resp: 230045
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.8 0.0 145.4



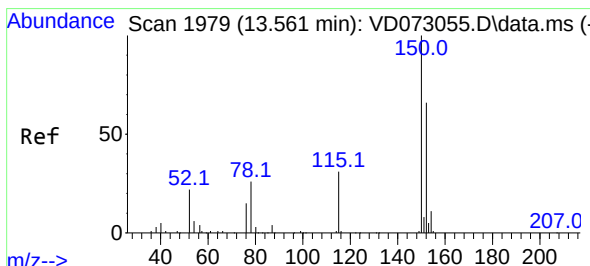
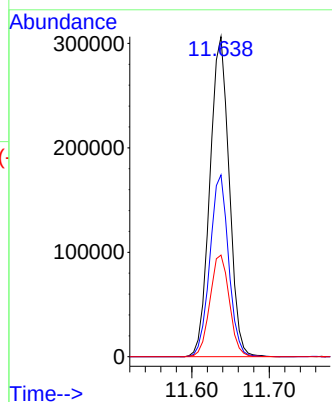


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45

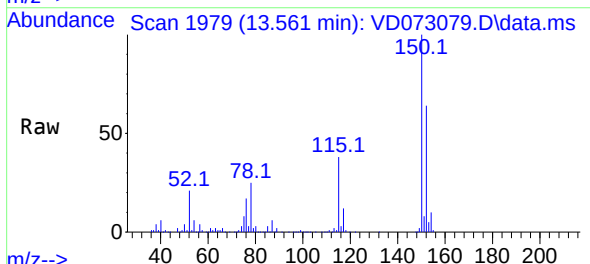
Instrument :
MSVOA_D
ClientSampleId :
AUD-1275



Tgt Ion:117 Resp: 528566
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073079.D
Acq: 18 May 2022 02:45



Tgt Ion:152 Resp: 232407
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 160.1 0.0 348.6

