

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075644.D
 Acq On : 12 Apr 2023 17:16
 Operator : KP/SY
 Sample : 02321-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-001

Quant Time: Apr 13 07:29:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

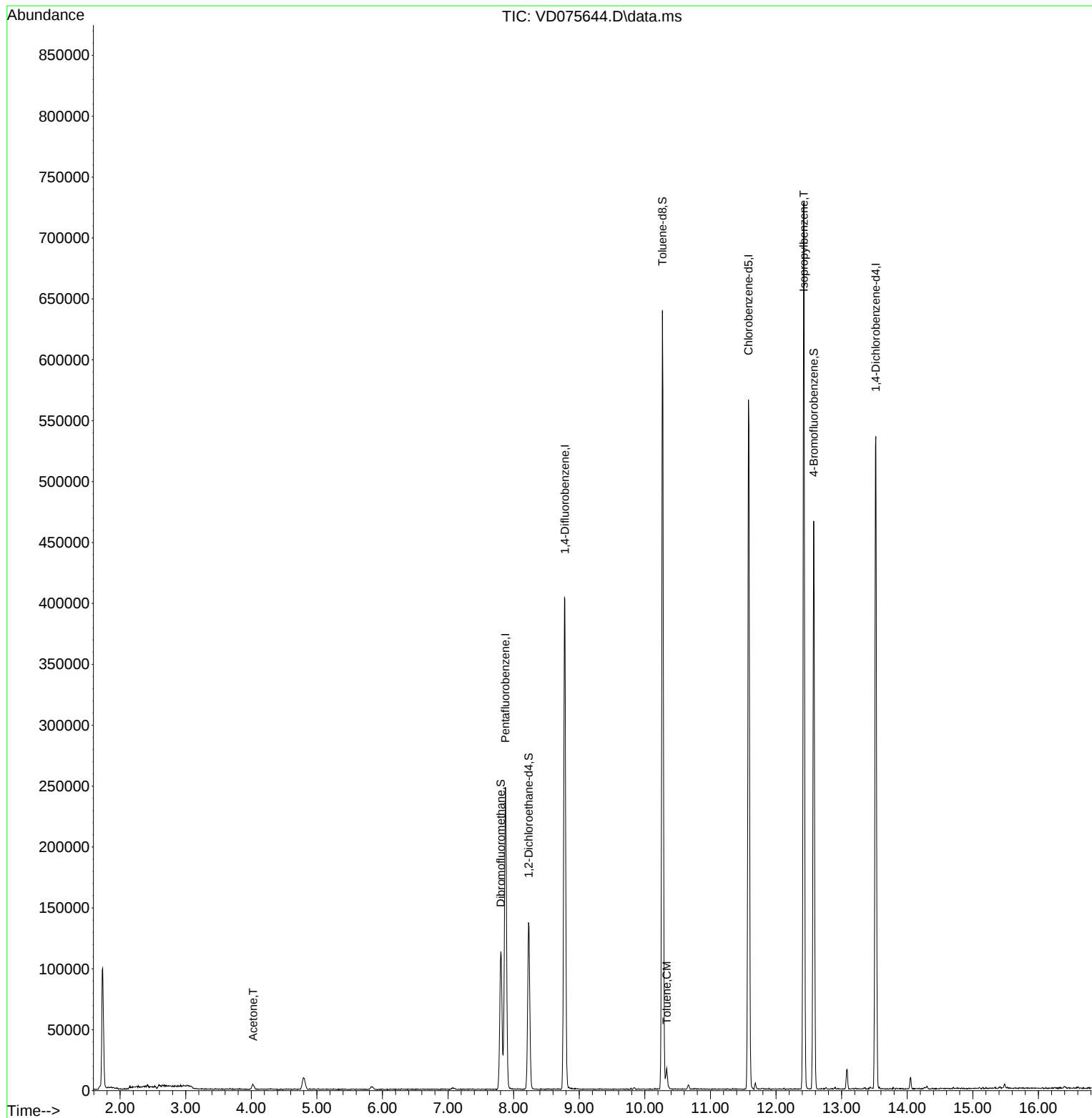
Internal Standards						
1) Pentafluorobenzene	7.875	168	200595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	391778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	360989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	156730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106207	64.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.080%
35) Dibromofluoromethane	7.804	113	85182	37.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.200%
50) Toluene-d8	10.269	98	456785	50.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.575	95	145252	54.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.640%
Target Compounds						
						Qvalue
16) Acetone	4.028	43	5929	19.774	ug/l	# 72
52) Toluene	10.333	92	6408	1.004	ug/l	92
73) Isopropylbenzene	12.422	105	468330	48.153	ug/l	98

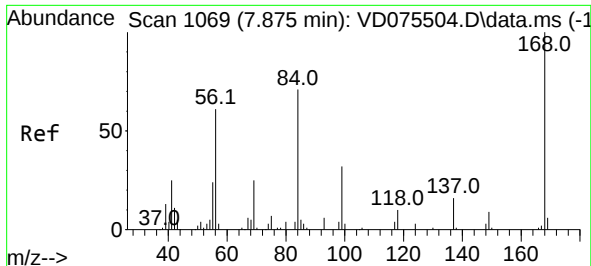
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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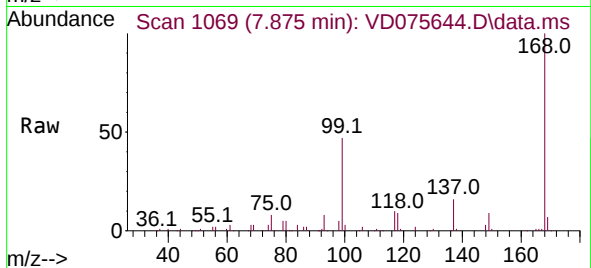
Quant Time: Apr 13 07:29:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
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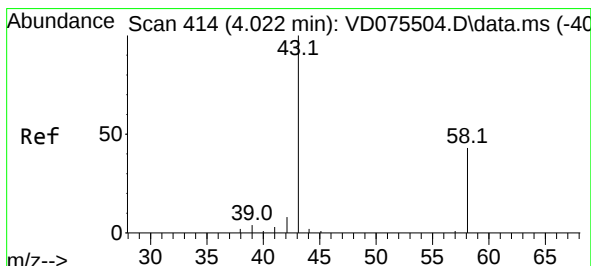
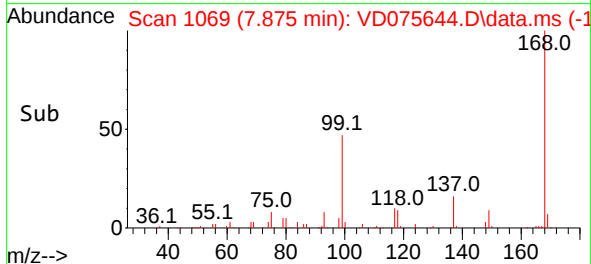
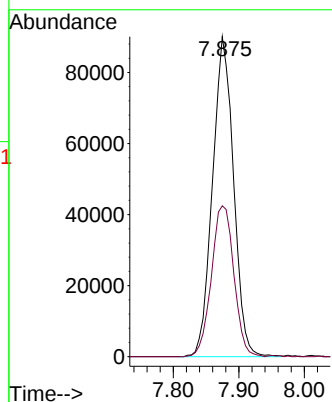


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001

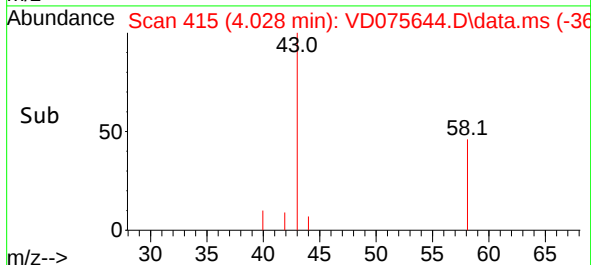
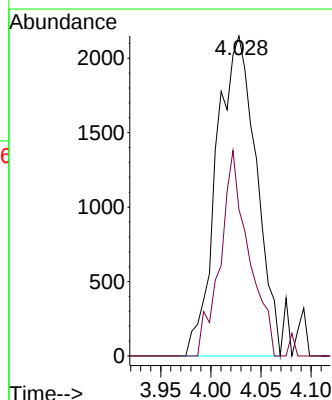
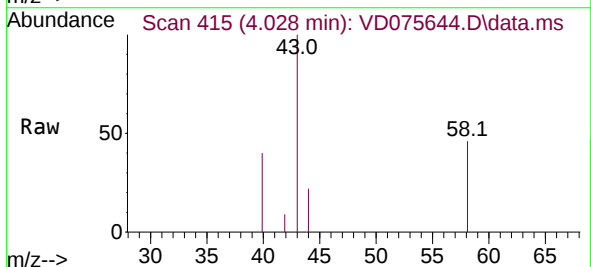


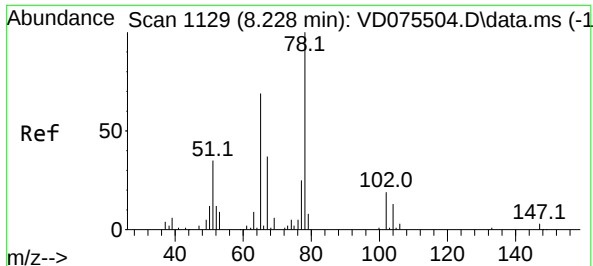
Tgt Ion:168 Resp: 200595
Ion Ratio Lower Upper
168 100
99 47.2 43.8 65.6



#16
Acetone
Concen: 19.774 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Tgt Ion: 43 Resp: 5929
Ion Ratio Lower Upper
43 100
58 45.8 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 64.541 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075644.D

Acq: 12 Apr 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

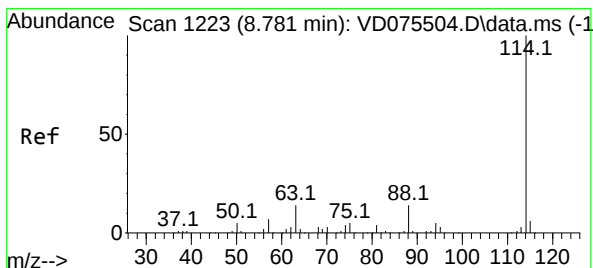
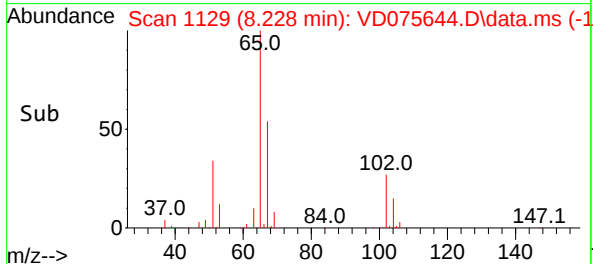
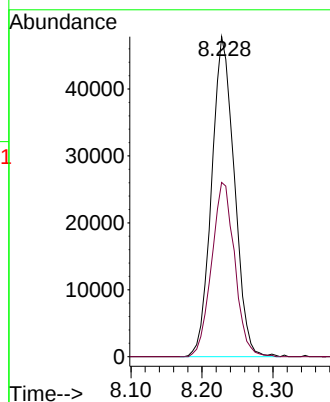
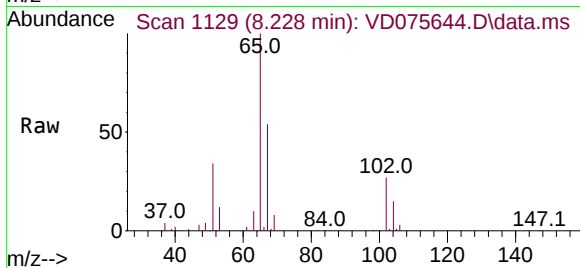
E9074-BAYC-001

Tgt Ion: 65 Resp: 106207

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075644.D

Acq: 12 Apr 2023 17:16

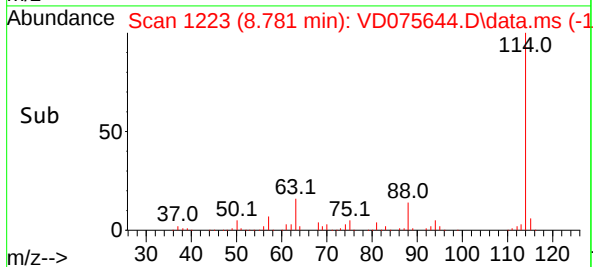
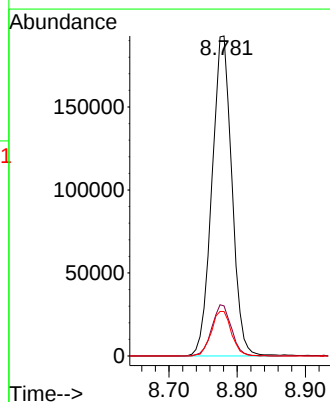
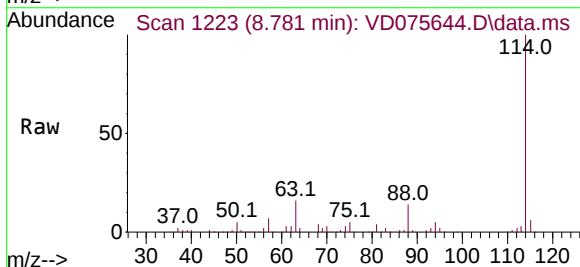
Tgt Ion: 114 Resp: 391778

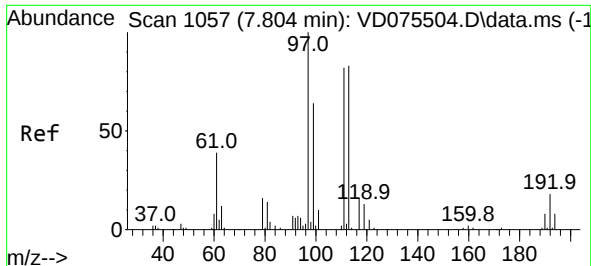
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 13.9 0.0 30.6

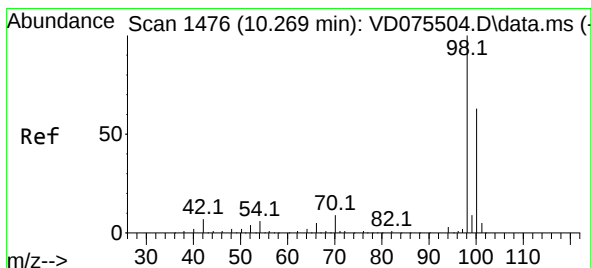
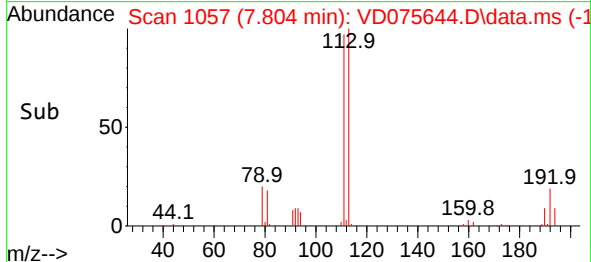
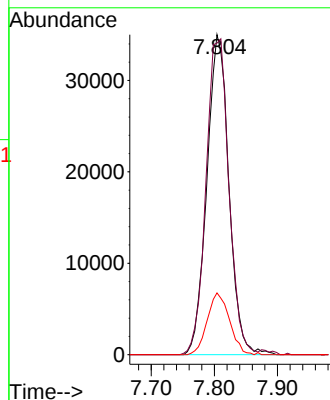
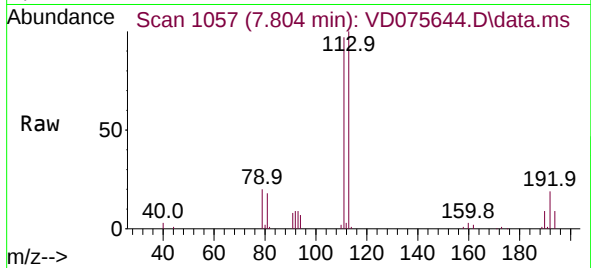




#35
Dibromofluoromethane
Concen: 37.099 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

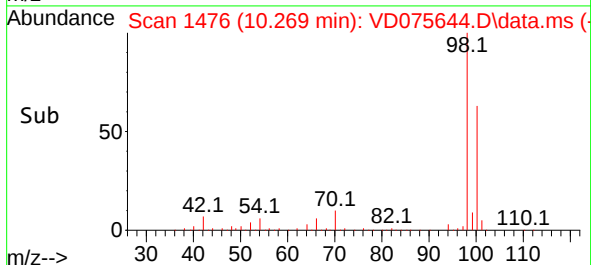
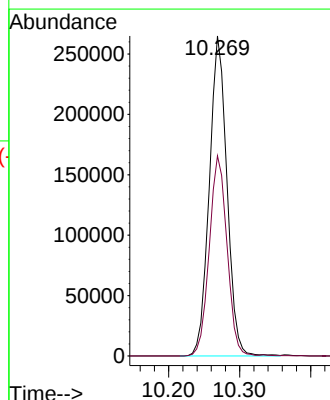
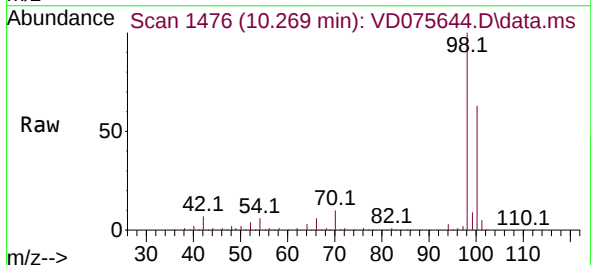
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001

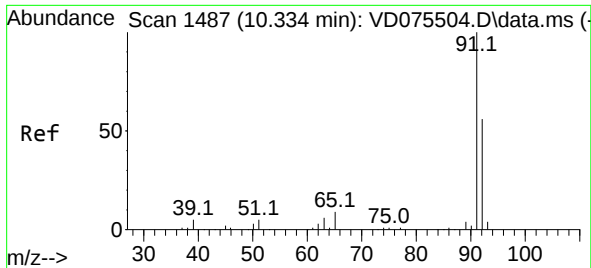
Tgt Ion:113 Resp: 85182
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.4 15.2 22.8



#50
Toluene-d8
Concen: 50.720 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Tgt Ion: 98 Resp: 456785
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

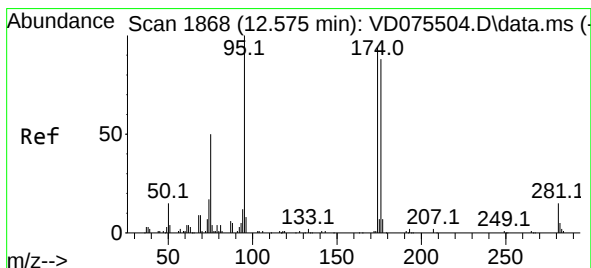
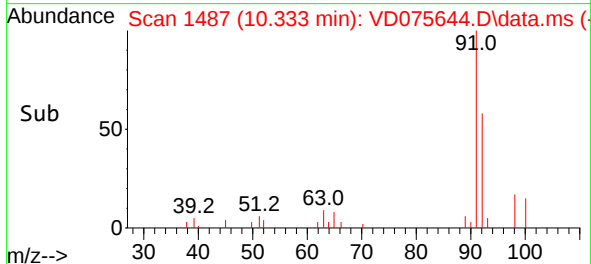
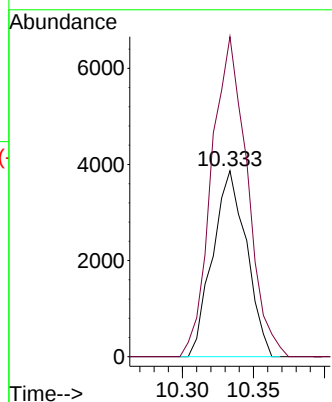
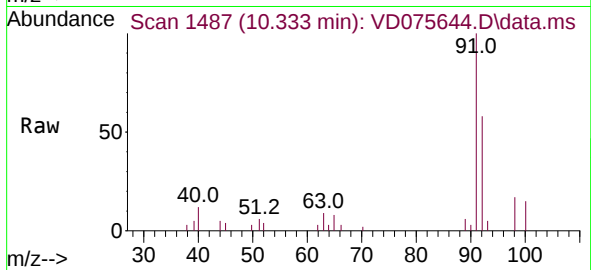




#52
Toluene
Concen: 1.004 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

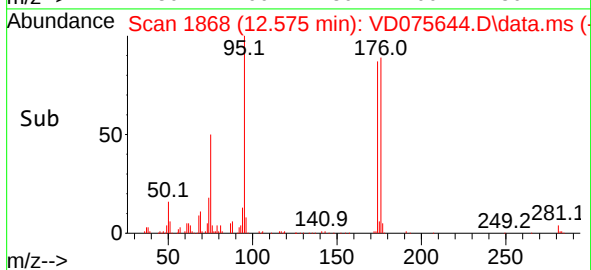
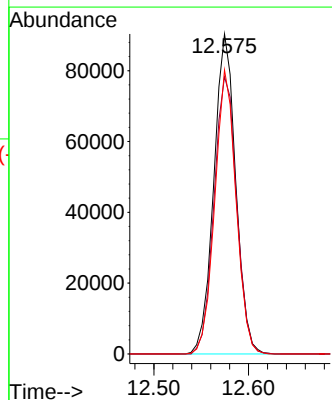
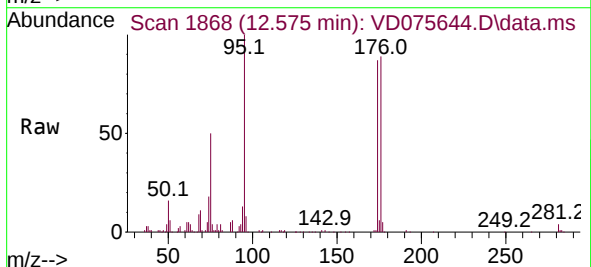
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001

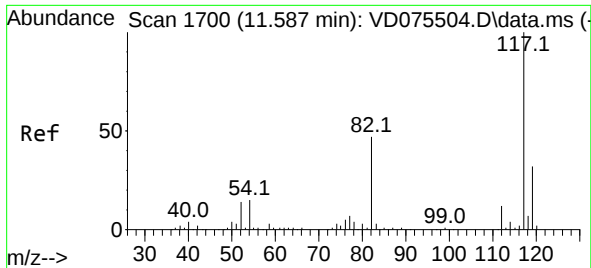
Tgt Ion: 92 Resp: 6408
Ion Ratio Lower Upper
92 100
91 181.3 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 54.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Tgt Ion: 95 Resp: 145252
Ion Ratio Lower Upper
95 100
174 89.3 0.0 164.0
176 86.0 0.0 156.8

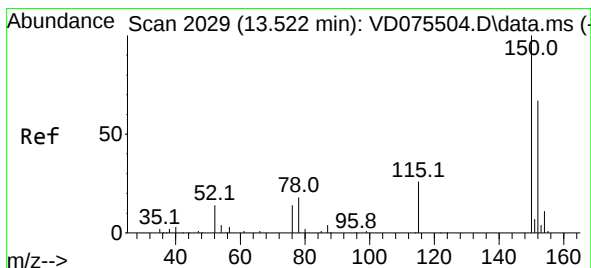
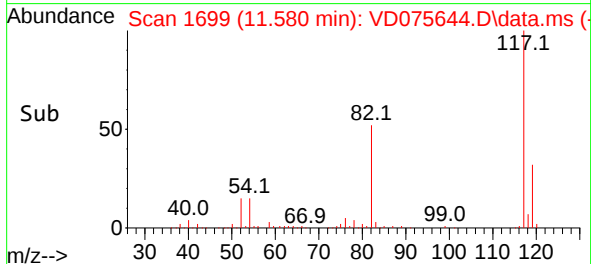
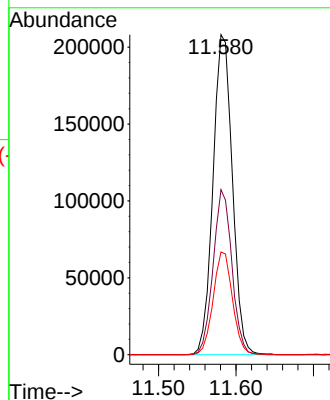
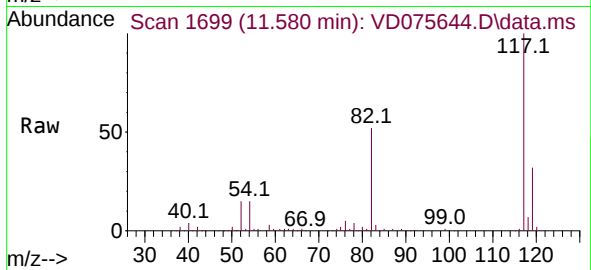




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.007 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

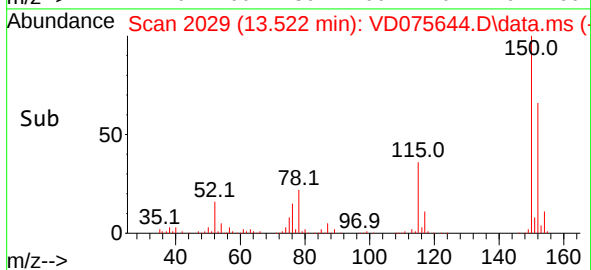
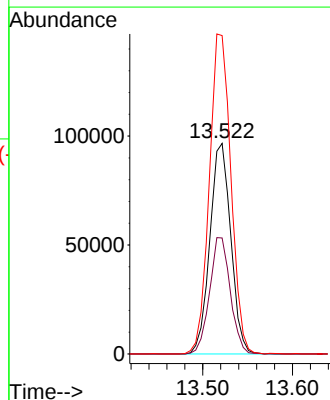
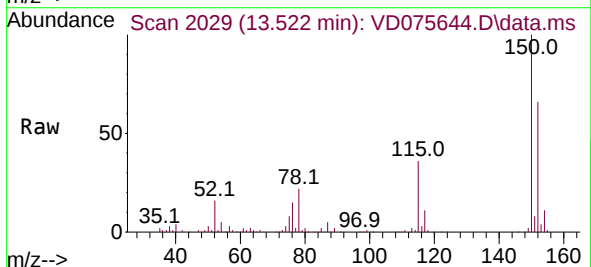
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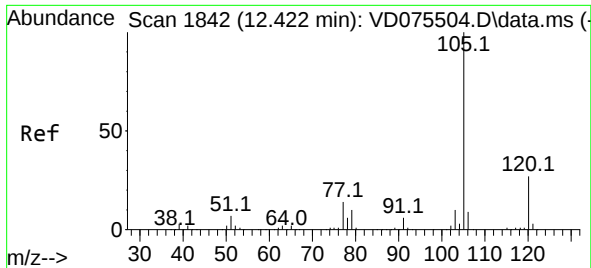
Tgt Ion:117 Resp: 360989
Ion Ratio Lower Upper
117 100
82 51.6 44.0 66.0
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Tgt Ion:152 Resp: 156730
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 156.3 0.0 364.8





#73
Isopropylbenzene
Concen: 48.153 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001

Tgt Ion:105 Resp: 468330
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1

