

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075645.D
 Acq On : 12 Apr 2023 17:46
 Operator : KP/SY
 Sample : 02322-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-002

Quant Time: Apr 13 07:29:39 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)

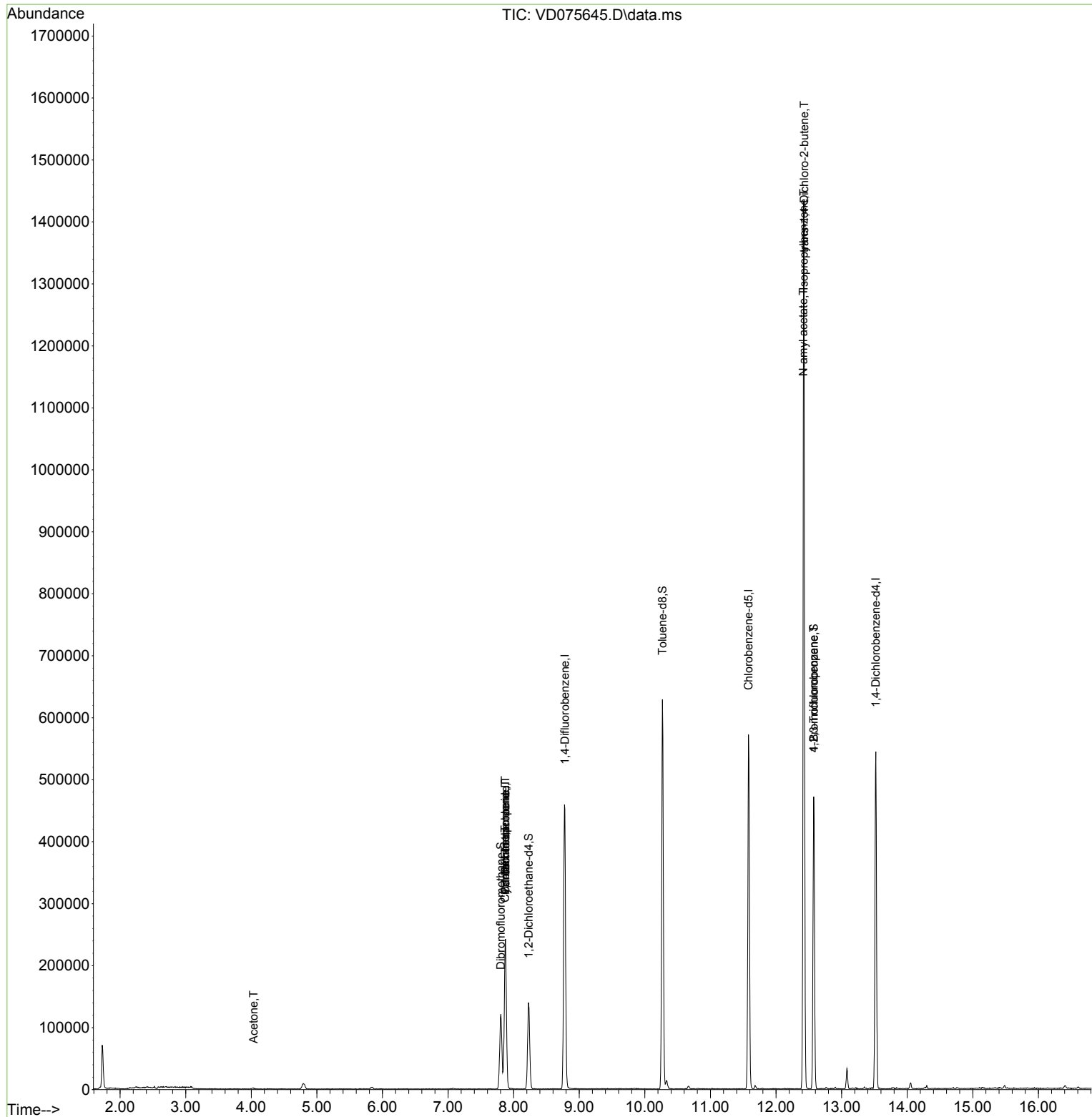
Internal Standards						
1) Pentafluorobenzene	7.875	168	194944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	466676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	356179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	158582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106575	66.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.280%
35) Dibromofluoromethane	7.804	113	90199	32.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.960%
50) Toluene-d8	10.269	98	458574	42.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.500%
62) 4-Bromofluorobenzene	12.575	95	147421	46.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.420%
Target Compounds						
16) Acetone	4.034	43	2747	9.427	ug/l #	85
20) Methylene Chloride	4.787	84	8494	Below Cal	#	66
31) Cyclohexane	7.869	56	3883	1.669	ug/l #	6
36) 1,1-Dichloropropene	7.875	75	15347	4.394	ug/l #	50
38) Carbon Tetrachloride	7.875	117	18027	5.382	ug/l #	16
73) Isopropylbenzene	12.422	105	916030	93.085	ug/l	99
74) N-amyl acetate	12.416	43	2360	1.710	ug/l #	31
76) 1,2,3-Trichloropropane	12.575	75	73578	71.367	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.428	75	9243	17.069	ug/l #	57

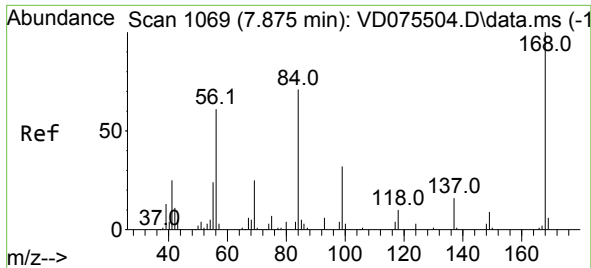
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075645.D
Acq On : 12 Apr 2023 17:46
Operator : KP/SY
Sample : 02322-01
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-002

Quant Time: Apr 13 07:29:39 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

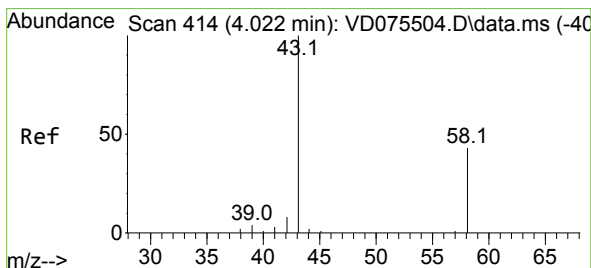
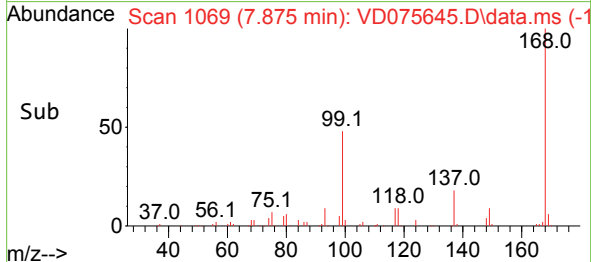
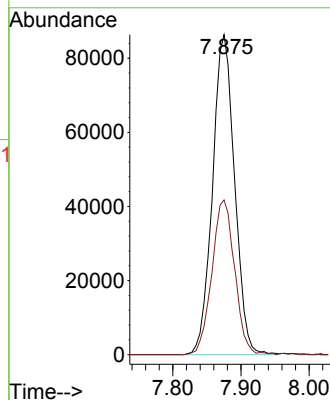
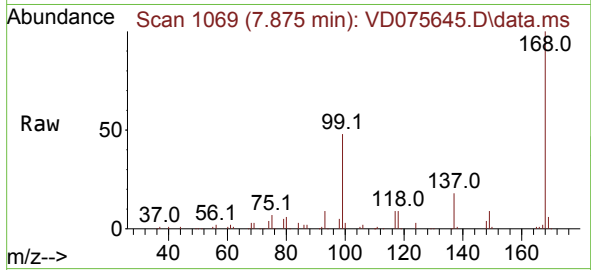




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

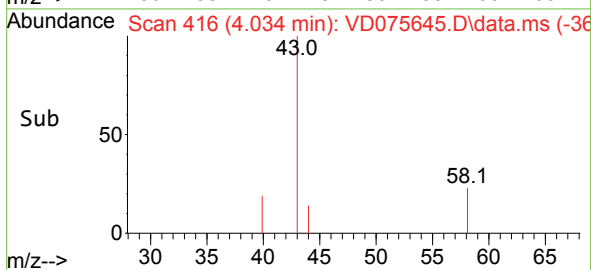
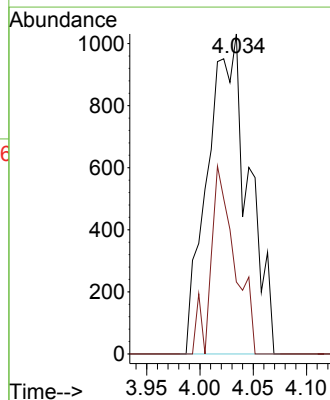
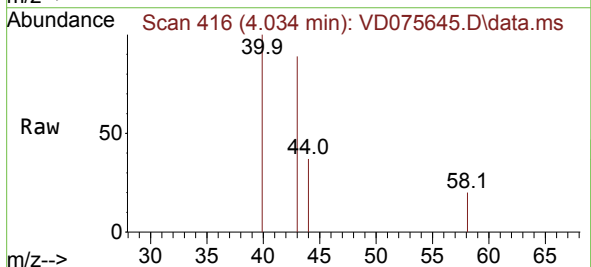
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-002

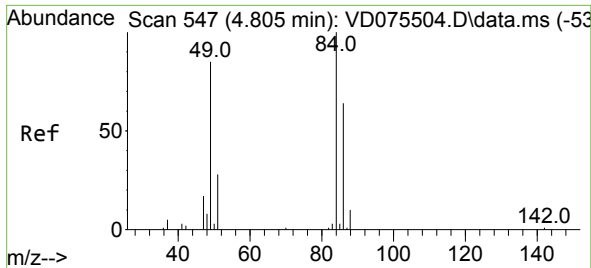
Tgt Ion:168 Resp: 194944
Ion Ratio Lower Upper
168 100
99 48.3 43.8 65.6



#16
Acetone
Concen: 9.427 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

Tgt Ion: 43 Resp: 2747
Ion Ratio Lower Upper
43 100
58 22.5 24.4 36.6#

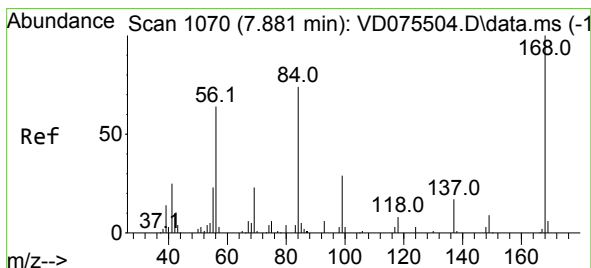
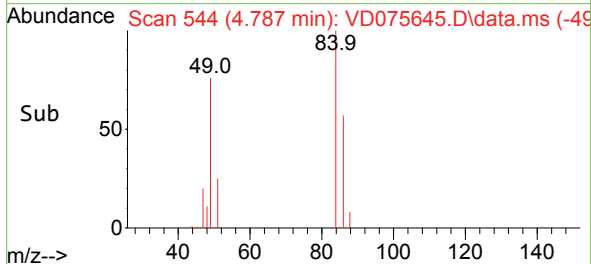
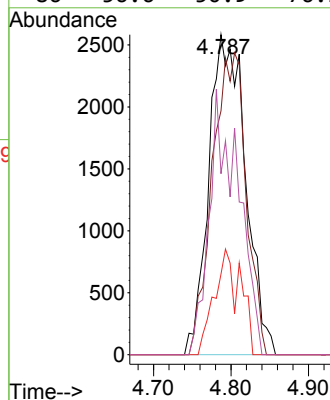
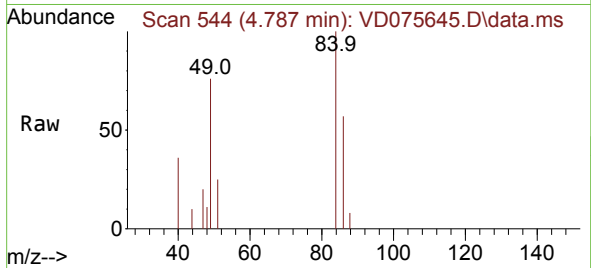




#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

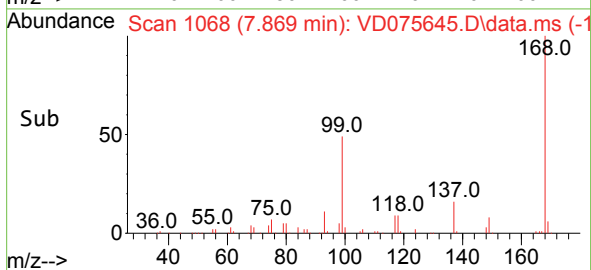
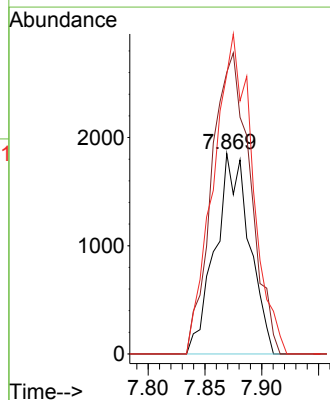
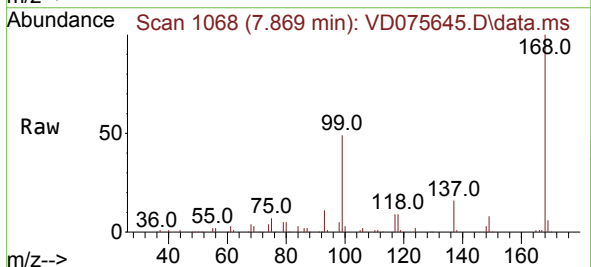
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-002

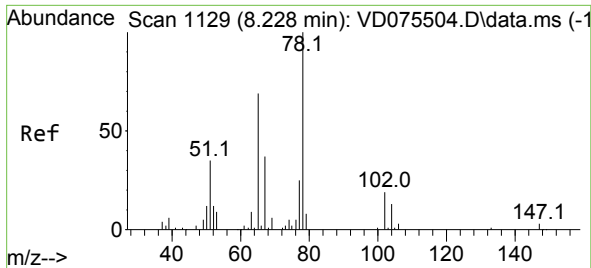
Tgt Ion:	84	Resp:	8494
Ion	Ratio	Lower	Upper
84	100		
49	76.2	106.4	159.6#
51	25.2	32.4	48.6#
86	56.6	50.9	76.3



#31
Cyclohexane
Concen: 1.669 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

Tgt Ion:	56	Resp:	3883
Ion	Ratio	Lower	Upper
56	100		
69	140.4	25.5	38.3#
84	139.2	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 66.642 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075645.D

Acq: 12 Apr 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

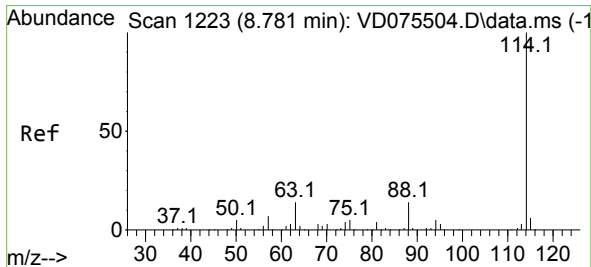
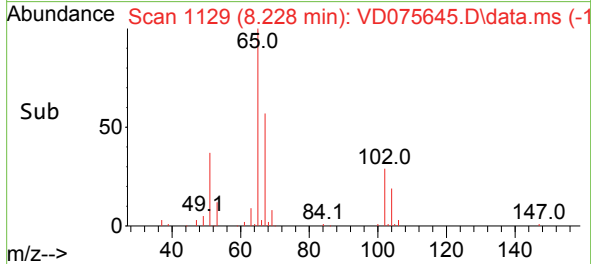
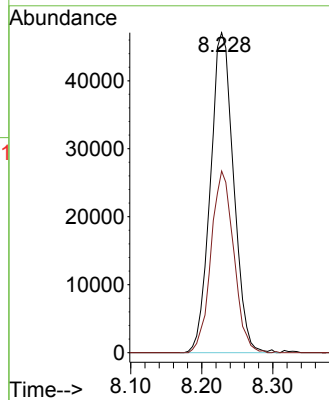
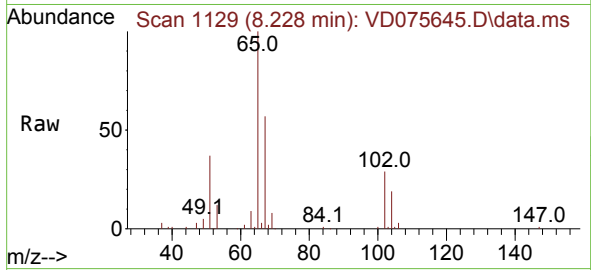
E9074-BAYC-002

Tgt Ion: 65 Resp: 106575

Ion Ratio Lower Upper

65 100

67 55.7 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: VD075645.D

Acq: 12 Apr 2023 17:46

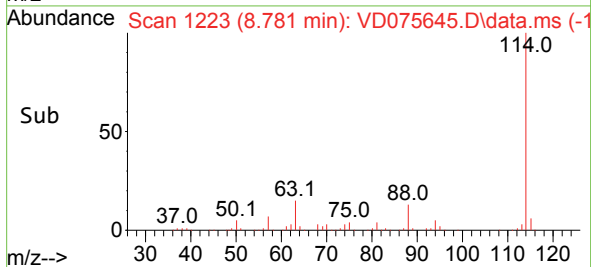
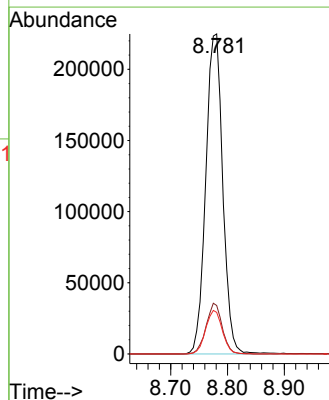
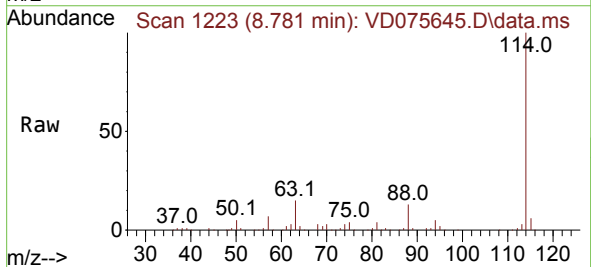
Tgt Ion: 114 Resp: 466676

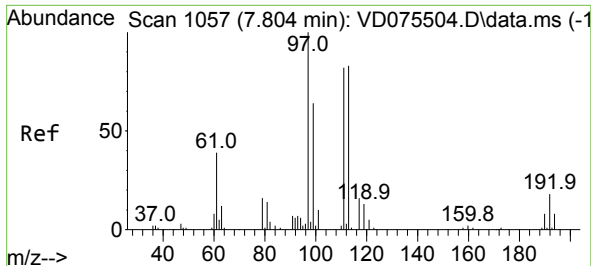
Ion Ratio Lower Upper

114 100

63 15.1 0.0 41.6

88 13.0 0.0 30.6

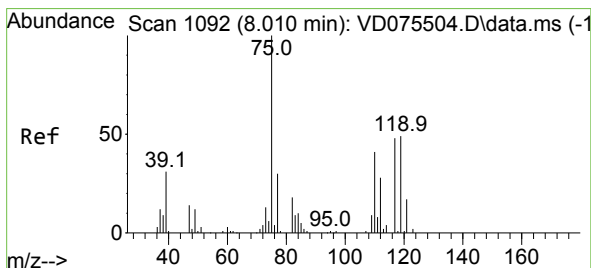
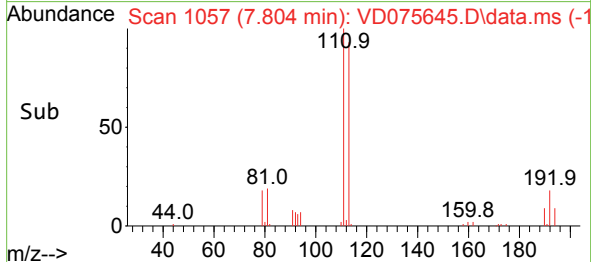
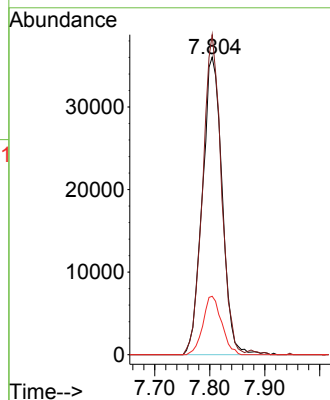
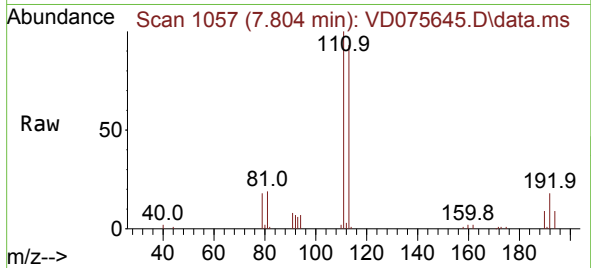




#35
Dibromofluoromethane
Concen: 32.980 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

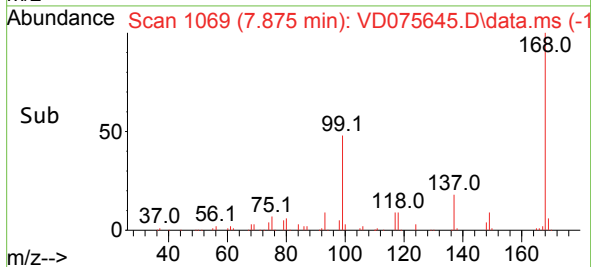
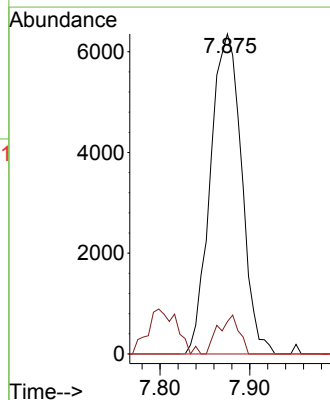
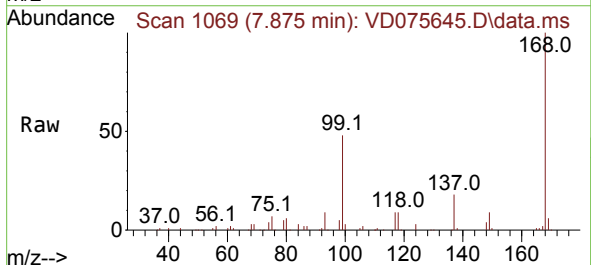
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-002

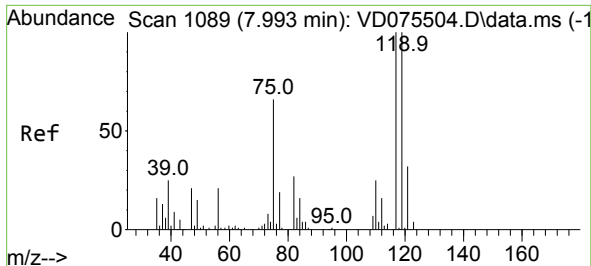
Tgt Ion:113 Resp: 90199
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.394 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

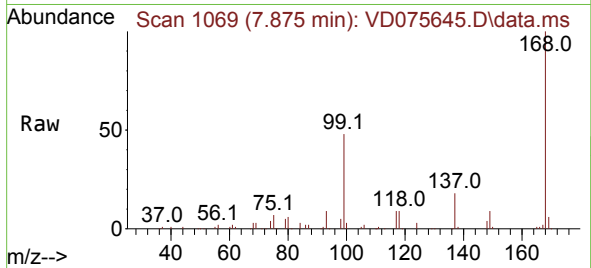
Tgt Ion: 75 Resp: 15347
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.6 36.8#



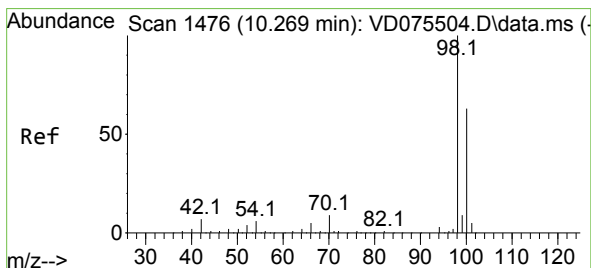
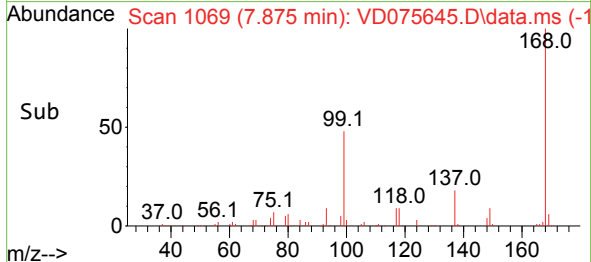
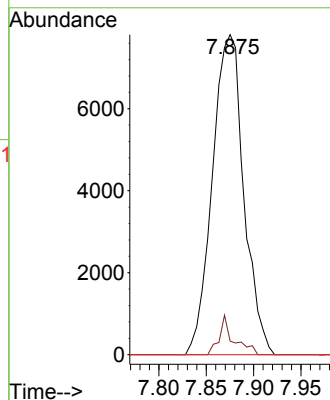


#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-002

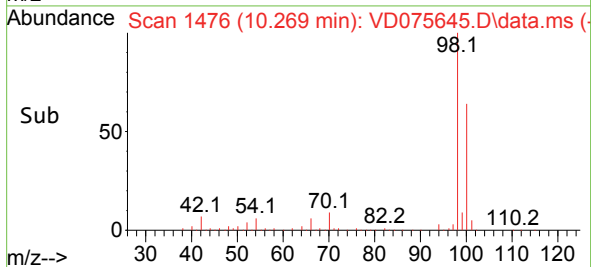
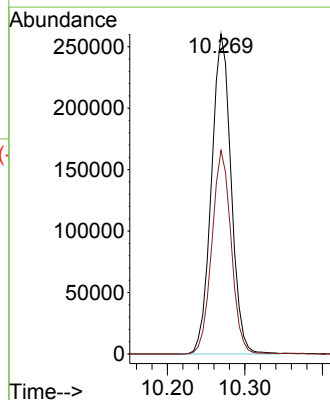
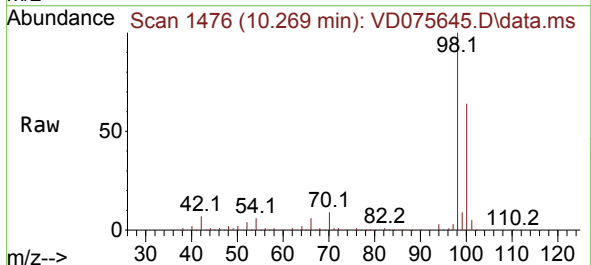


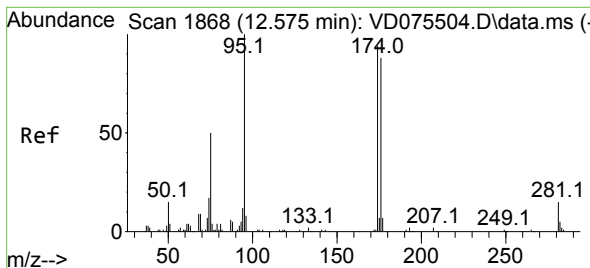
Tgt Ion:117 Resp: 18027
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 42.747 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

Tgt Ion: 98 Resp: 458574
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1

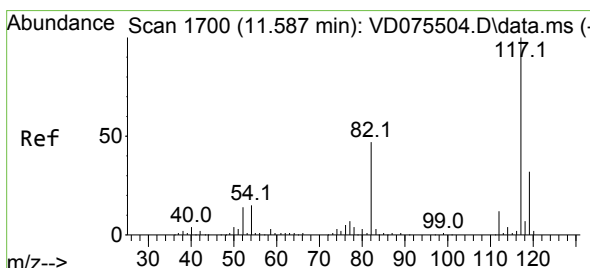
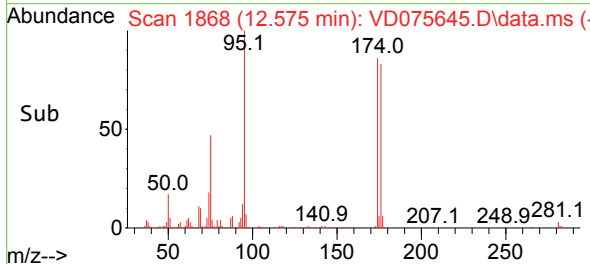
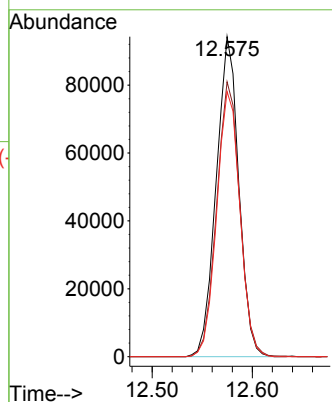
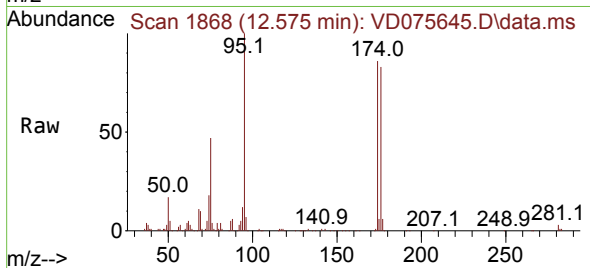




#62
4-Bromofluorobenzene
Concen: 46.711 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

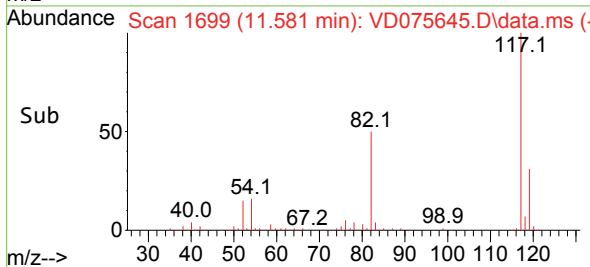
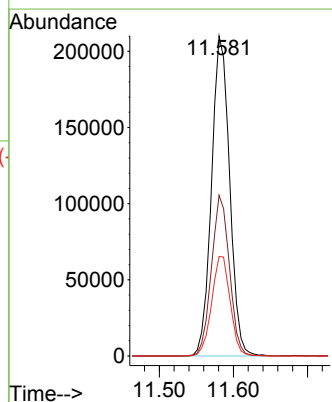
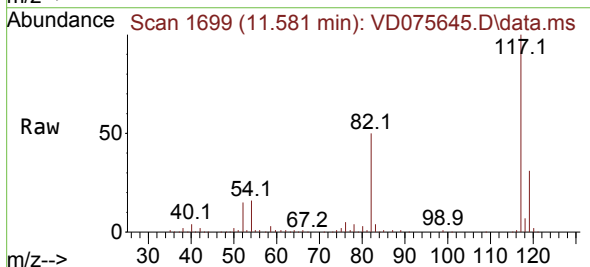
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-002

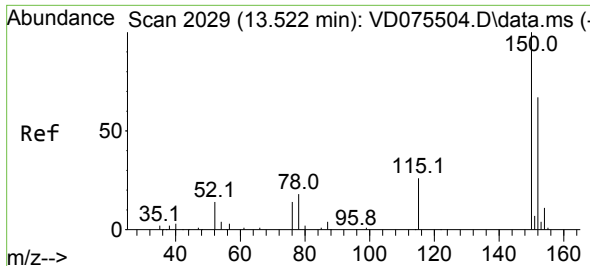
Tgt Ion: 95 Resp: 147421
Ion Ratio Lower Upper
95 100
174 88.3 0.0 164.0
176 85.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075645.D
Acq: 12 Apr 2023 17:46

Tgt Ion: 117 Resp: 356179
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 31.1 25.1 37.7

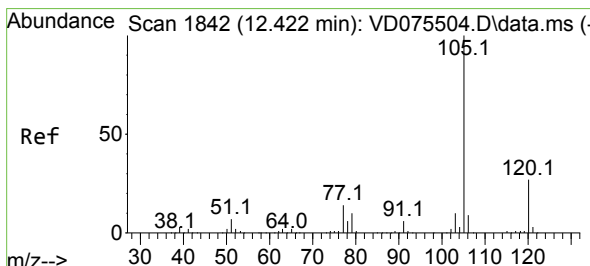
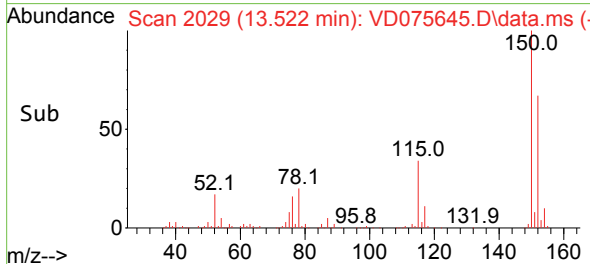
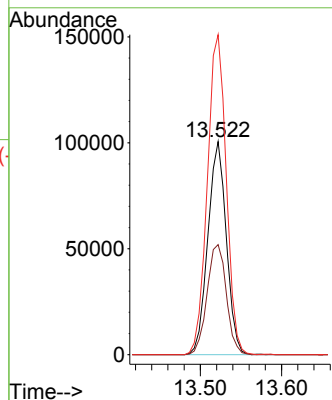
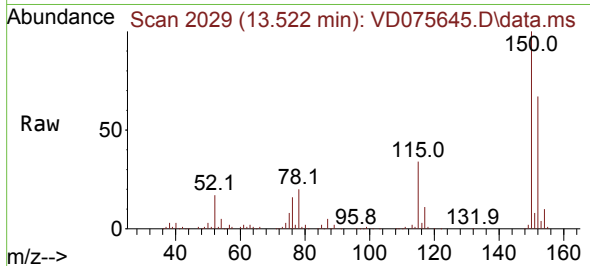




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075645.D
 Acq: 12 Apr 2023 17:46

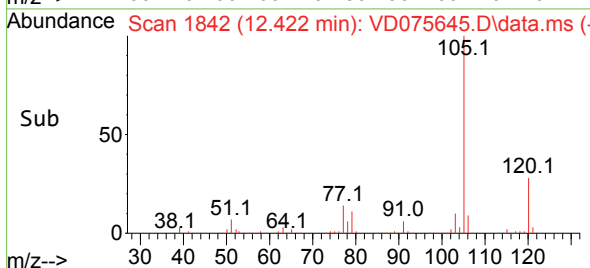
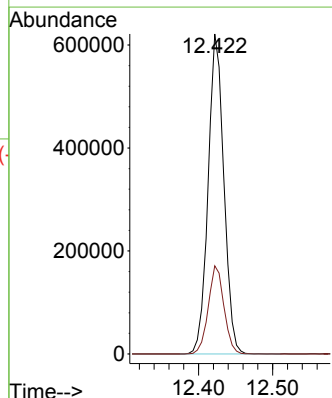
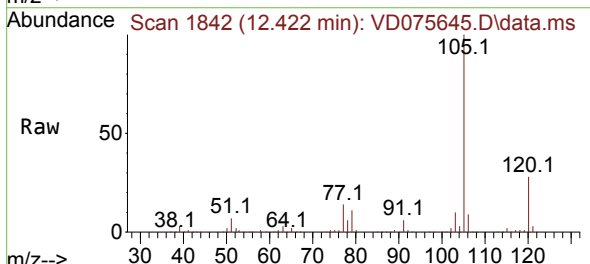
Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-002

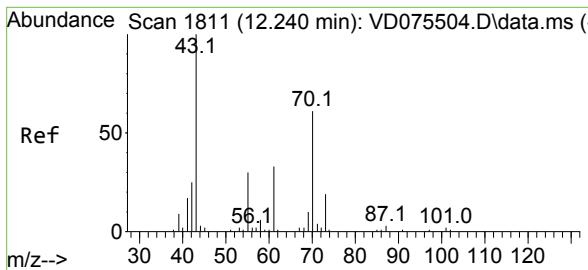
Tgt Ion:152 Resp: 158582
 Ion Ratio Lower Upper
 152 100
 115 54.0 30.1 90.3
 150 153.6 0.0 364.8



#73
 Isopropylbenzene
 Concen: 93.085 ug/l
 RT: 12.422 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VD075645.D
 Acq: 12 Apr 2023 17:46

Tgt Ion:105 Resp: 916030
 Ion Ratio Lower Upper
 105 100
 120 27.4 13.4 40.1





#74

N-amy1 acetate

Concen: 1.710 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.176 min

Lab File: VD075645.D

Acq: 12 Apr 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

E9074-BAYC-002

Tgt Ion: 43 Resp: 2360

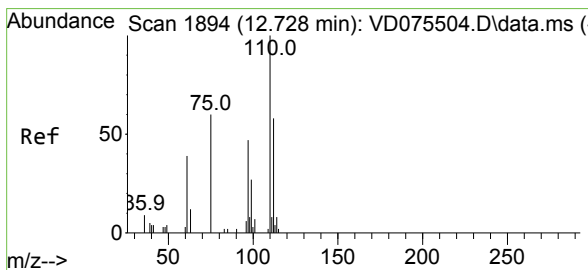
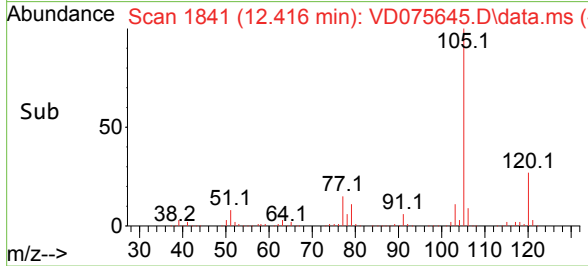
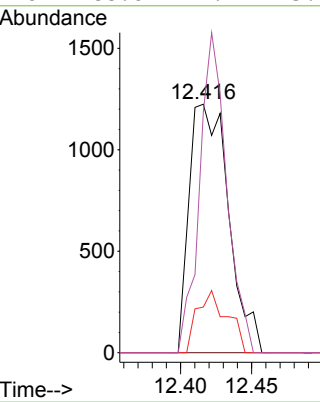
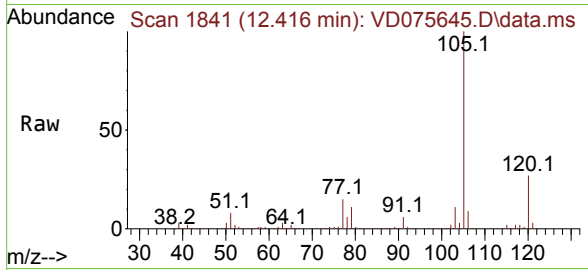
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.4#

55 19.0 18.6 28.0

61 88.6 17.1 25.7#



#76

1,2,3-Trichloropropane

Concen: 71.367 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075645.D

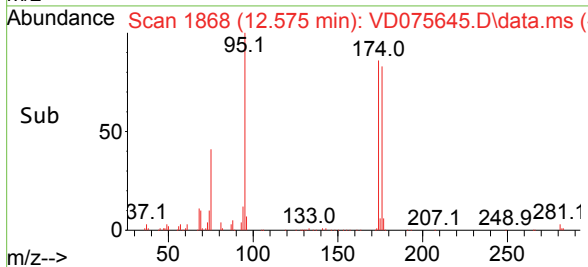
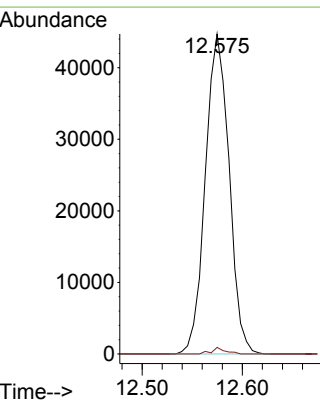
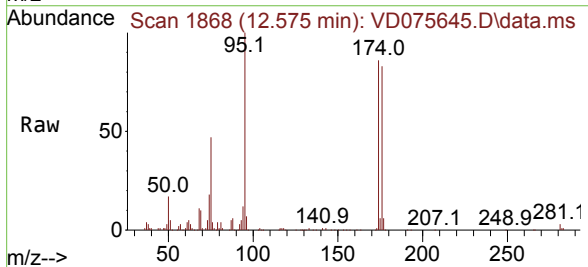
Acq: 12 Apr 2023 17:46

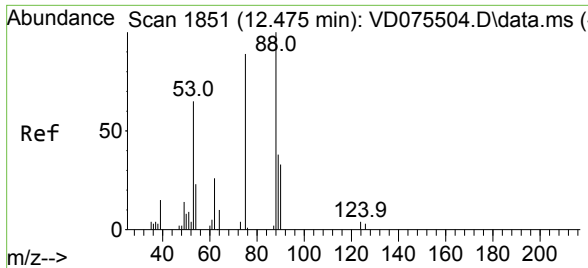
Tgt Ion: 75 Resp: 73578

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.069 ug/l
 RT: 12.428 min Scan# 11
 Delta R.T. -0.041 min
 Lab File: VD075645.D
 Acq: 12 Apr 2023 17:46

Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-002

Tgt Ion:	75	Resp:	9243
Ion	Ratio	Lower	Upper
75	100		
53	92.6	90.5	135.7
89	116.2	40.2	60.4

