

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008373.D
 Acq On : 18 Apr 2022 15:09
 Operator : KP/MD
 Sample : N2430-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E13-EB1-041322-0-2

Quant Time: Apr 19 06:29:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56342	61.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.800%
35) Dibromofluoromethane	7.722	113	57693	56.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.180%
50) Toluene-d8	10.179	98	218519	62.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.180%
62) 4-Bromofluorobenzene	12.483	95	72199	54.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.080%

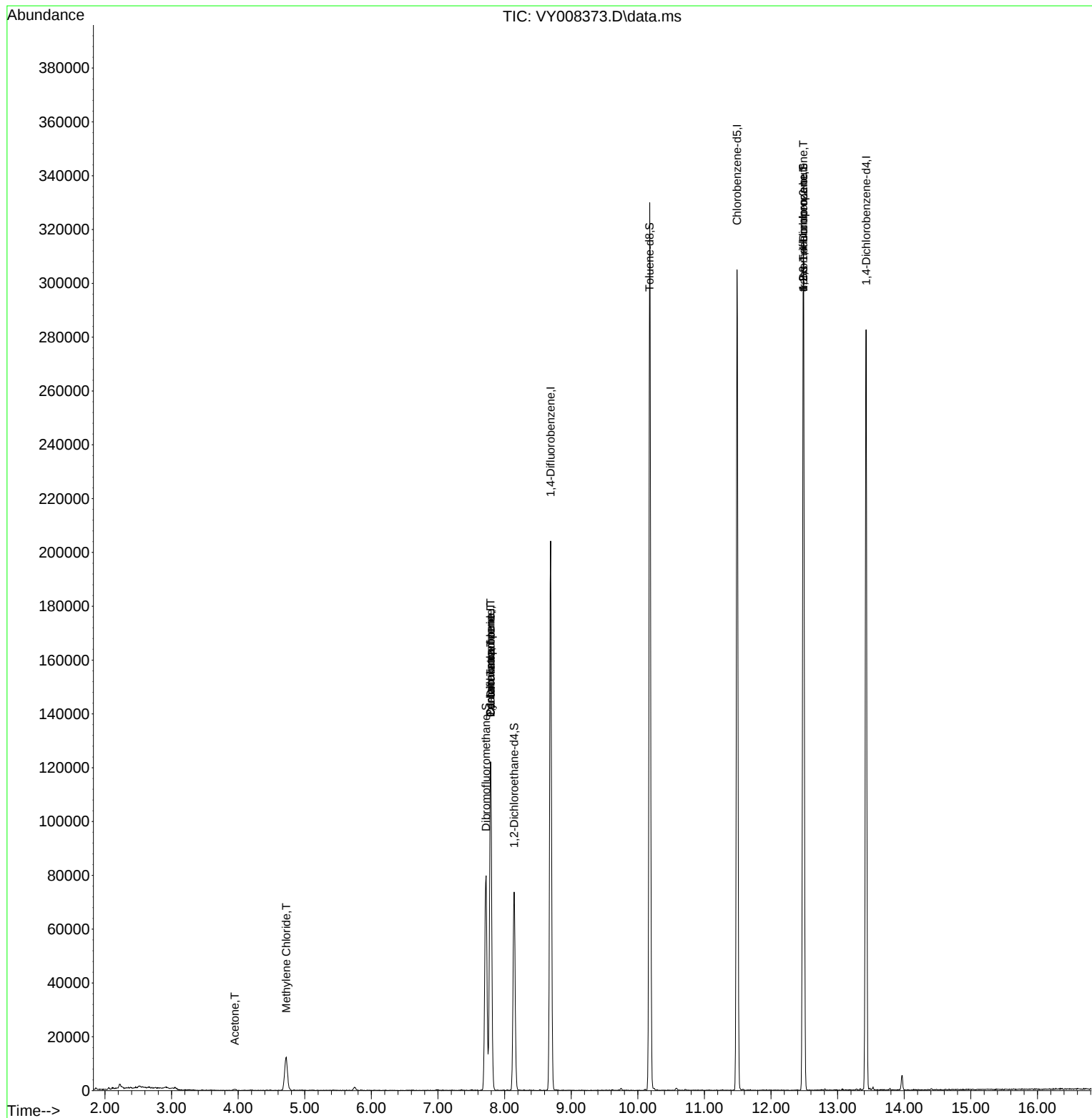
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	198	Below Cal	#	44
5) Bromomethane	2.674	94	151	Below Cal	#	59
16) Acetone	3.948	43	802	3.633	ug/l	97
18) Methyl Acetate	4.497	43	156	Below Cal	#	56
20) Methylene Chloride	4.722	84	10191	1.161	ug/l	# 75
31) Cyclohexane	7.789	56	2075	1.250	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	7627	4.644	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	9625	5.447	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	39155	49.453	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	39155	110.649	ug/l	# 8

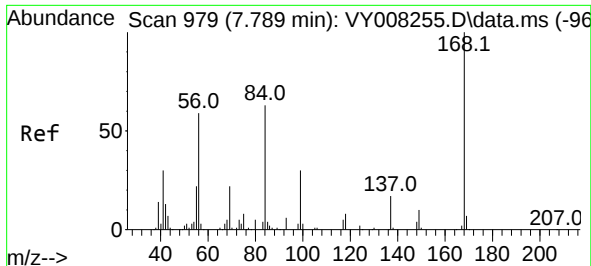
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

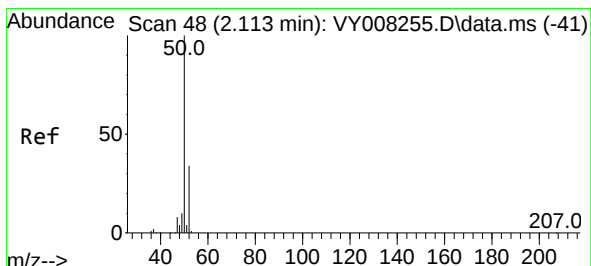
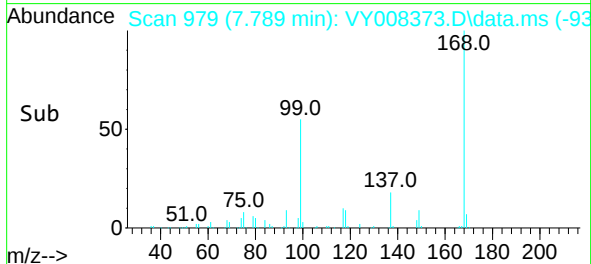
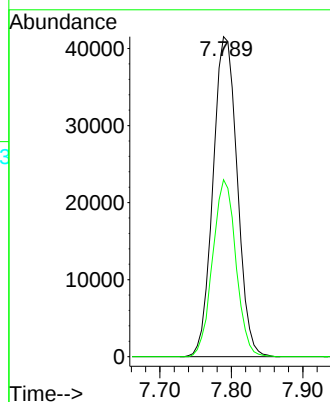
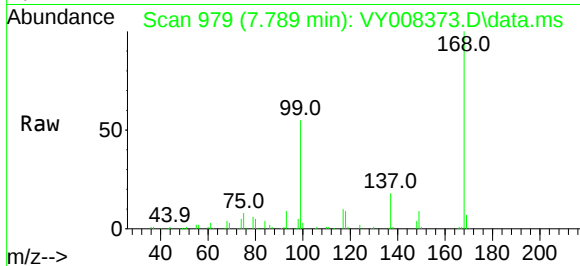




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

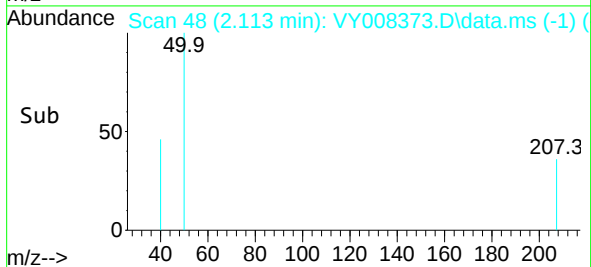
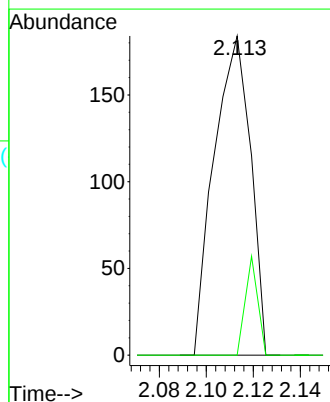
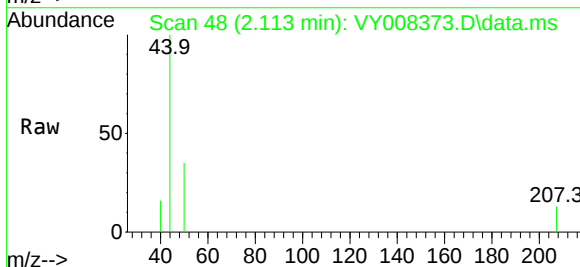
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

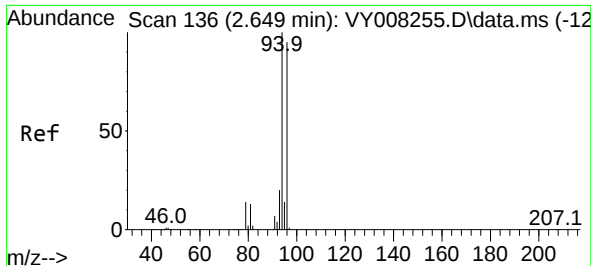
Tgt Ion:168 Resp: 97696
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 50 Resp: 198
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

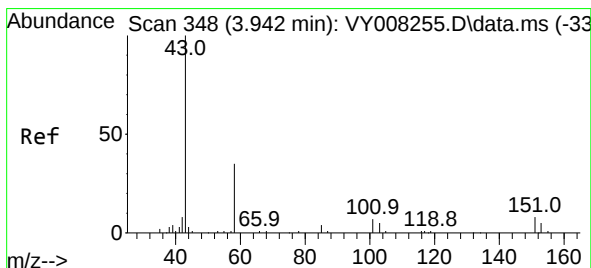
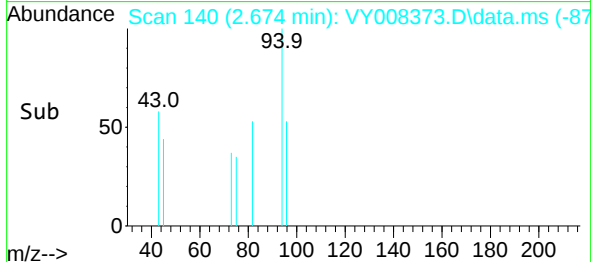
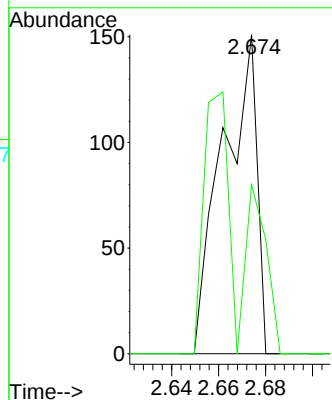
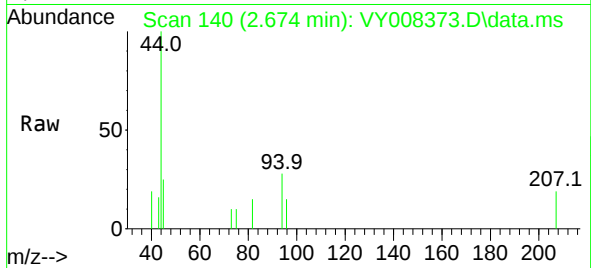




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.025 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

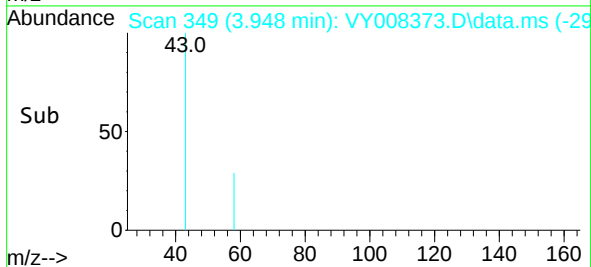
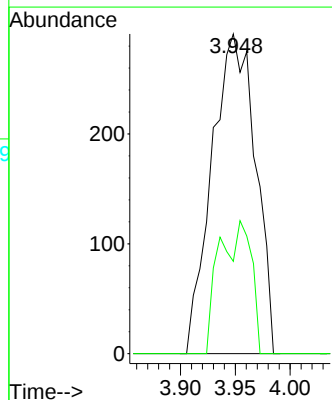
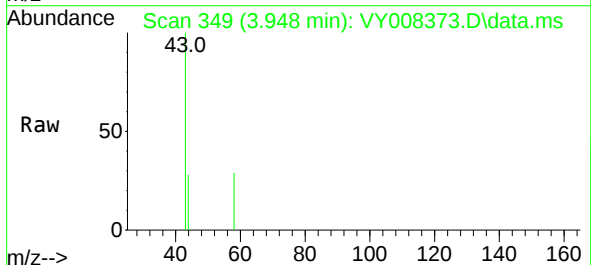
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

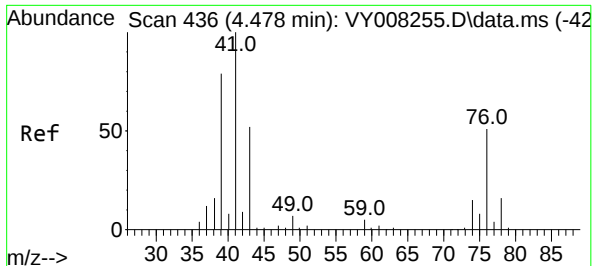
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 53.0 73.5 110.3#



#16
Acetone
Concen: 3.633 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0

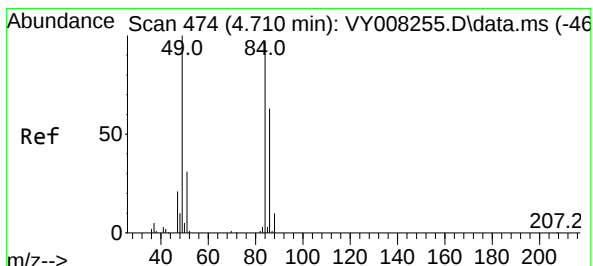
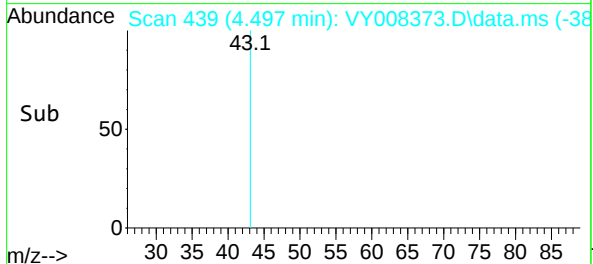
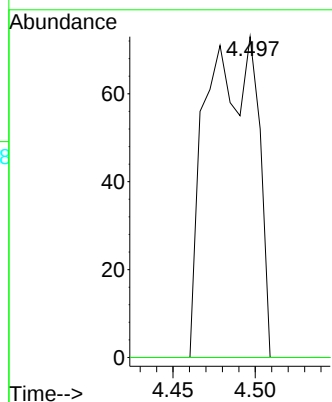
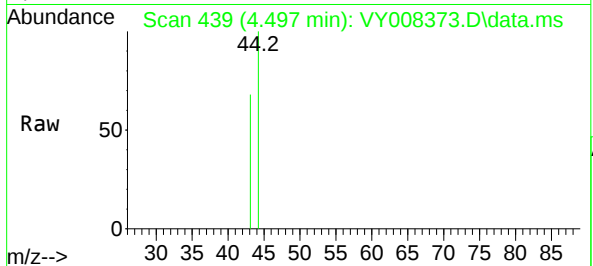




#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

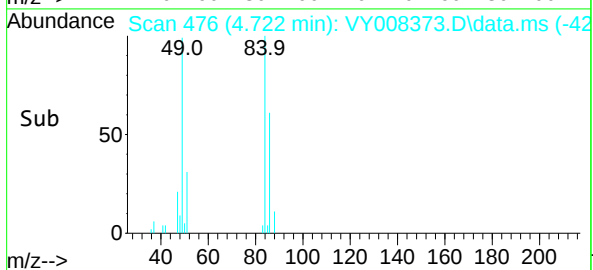
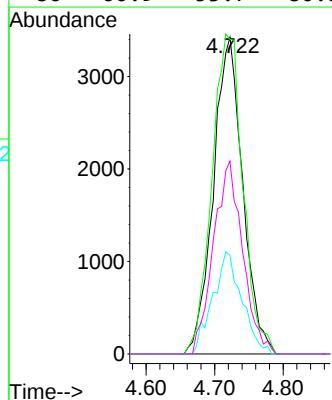
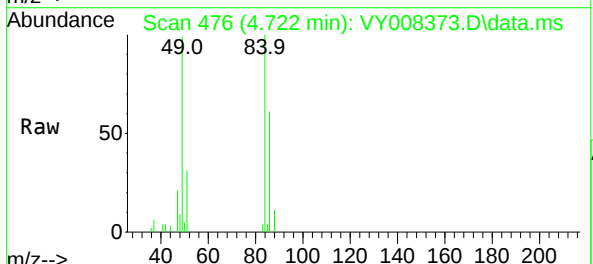
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

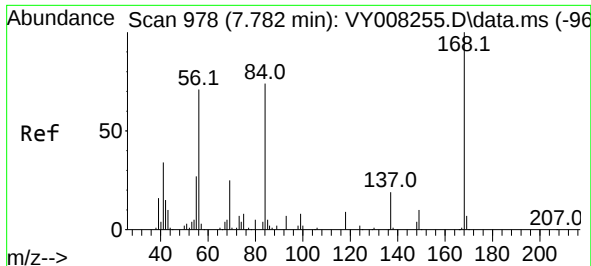
Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.161 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 84 Resp: 10191
Ion Ratio Lower Upper
84 100
49 99.3 114.4 171.6#
51 31.2 35.3 52.9#
86 60.9 53.7 80.5

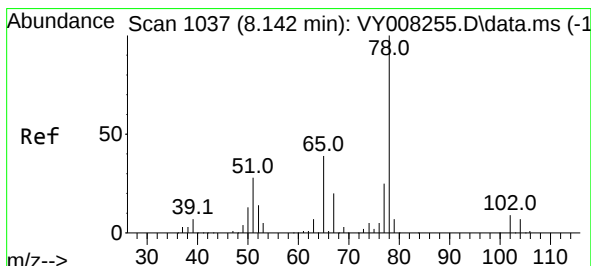
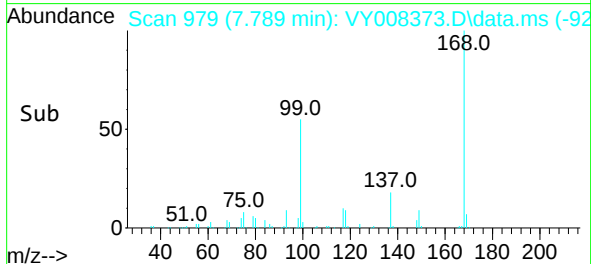
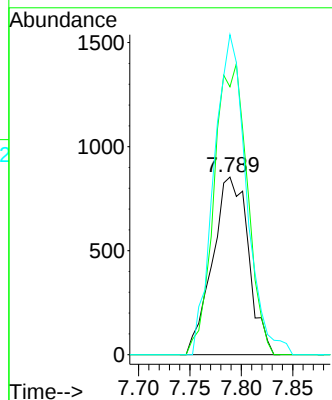
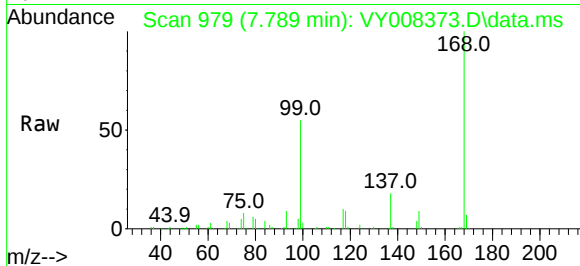




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

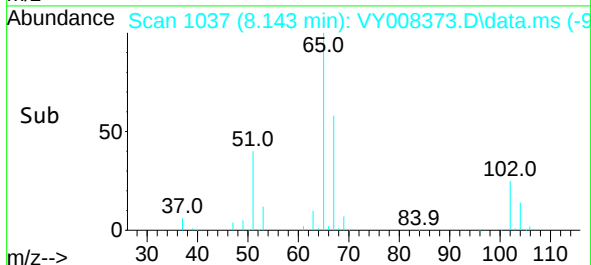
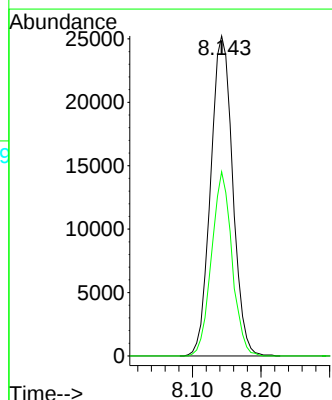
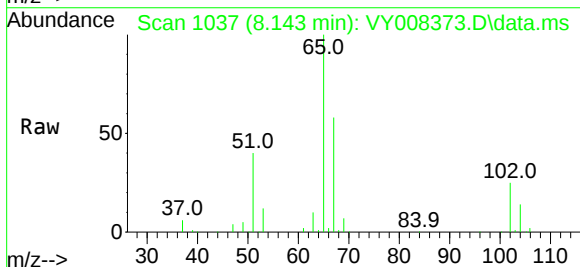
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

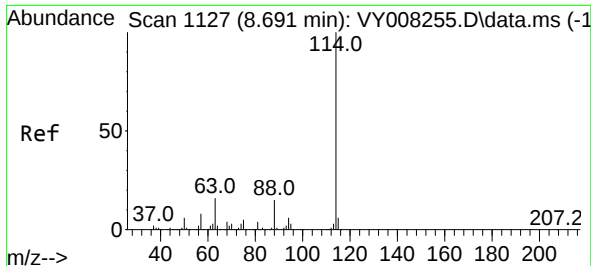
Tgt Ion: 56 Resp: 2075
Ion Ratio Lower Upper
56 100
69 150.7 26.7 40.1#
84 180.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.396 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 65 Resp: 56342
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

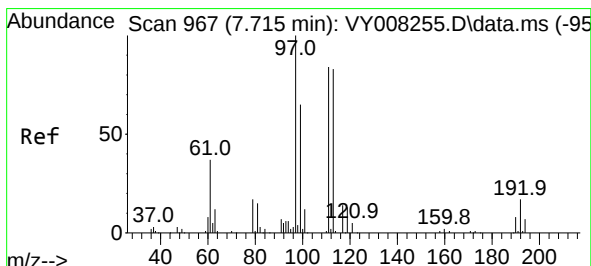
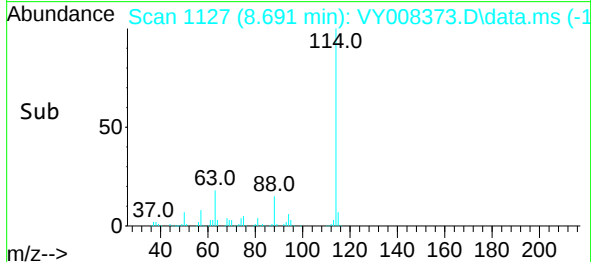
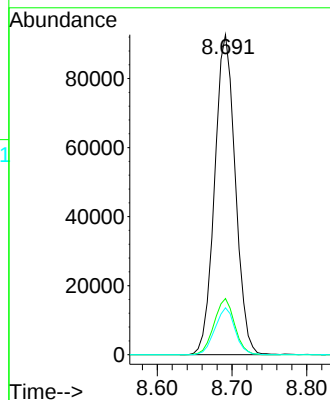
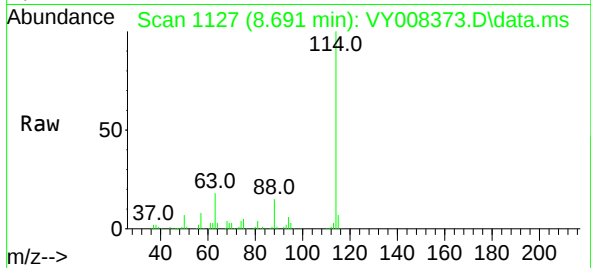




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008373.D
 Acq: 18 Apr 2022 15:09

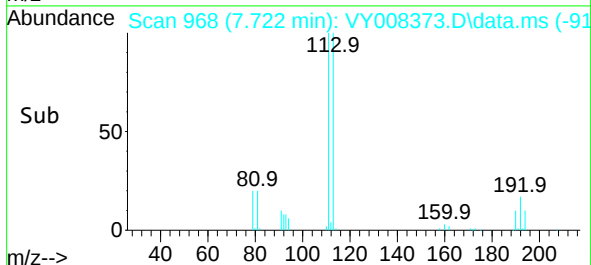
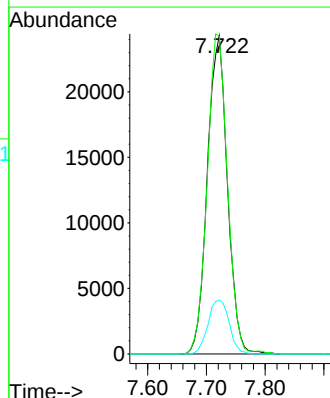
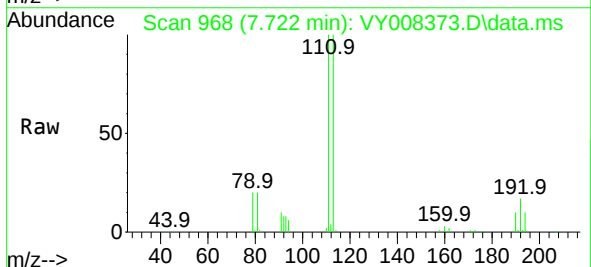
Instrument :
 MSVOA_Y
 ClientSampleId :
 E13-EB1-041322-0-2

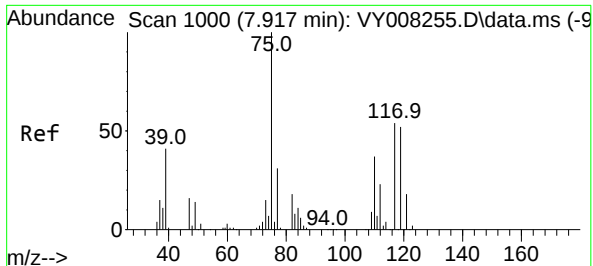
Tgt Ion:	114	Resp:	178081
Ion Ratio	Lower	Upper	
114	100		
63	17.6	0.0	43.2
88	14.7	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 56.091 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.007 min
 Lab File: VY008373.D
 Acq: 18 Apr 2022 15:09

Tgt Ion:	113	Resp:	57693
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.6	124.0
192	17.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.644 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008373.D

Acq: 18 Apr 2022 15:09

Instrument :

MSVOA_Y

ClientSampleId :

E13-EB1-041322-0-2

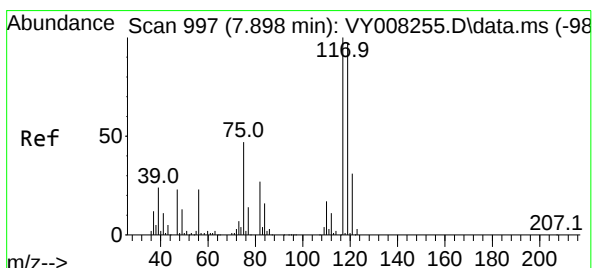
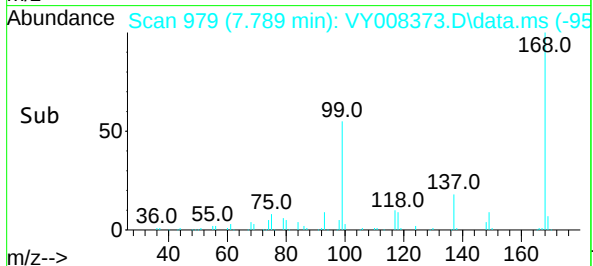
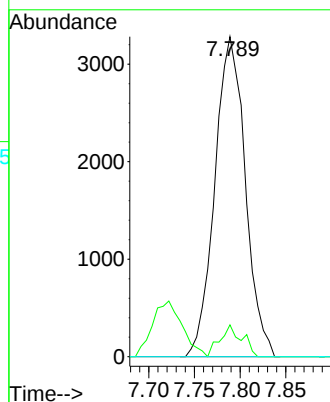
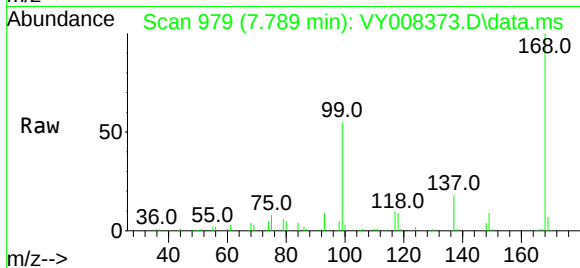
Tgt Ion: 75 Resp: 7627

Ion Ratio Lower Upper

75 100

110 7.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.447 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008373.D

Acq: 18 Apr 2022 15:09

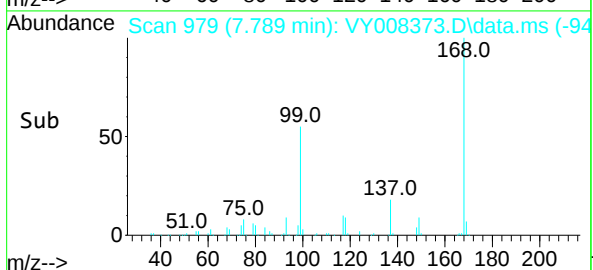
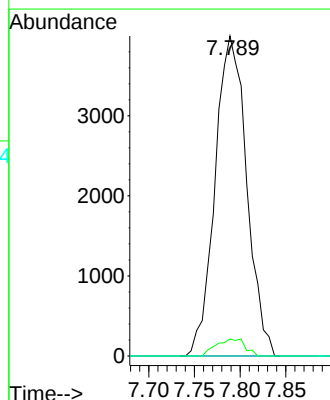
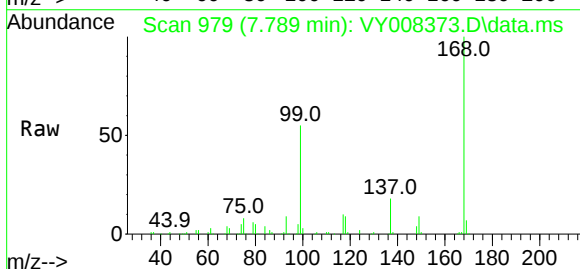
Tgt Ion: 117 Resp: 9625

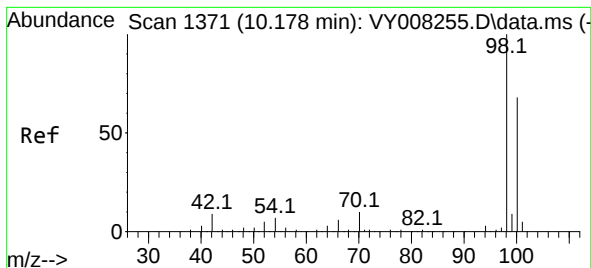
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

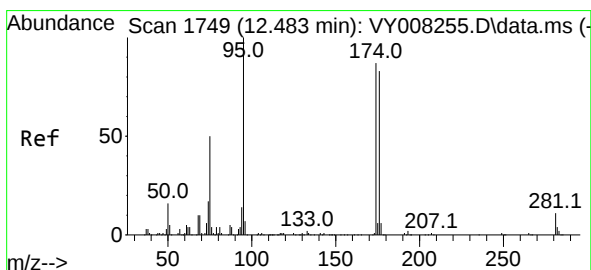
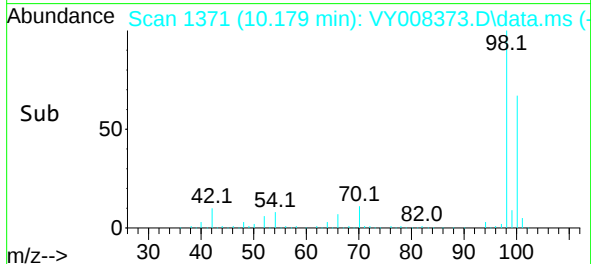
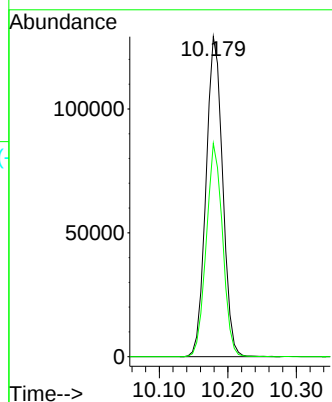
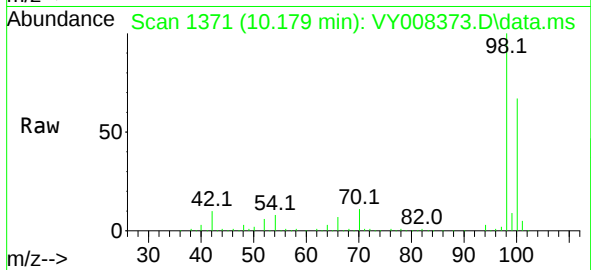




#50
Toluene-d8
Concen: 62.087 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

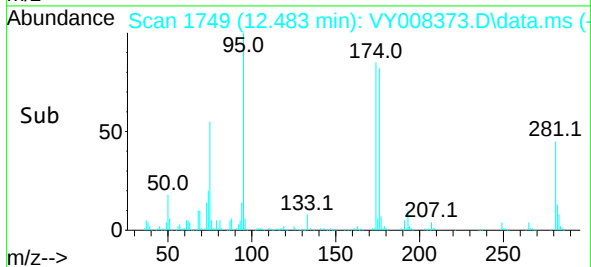
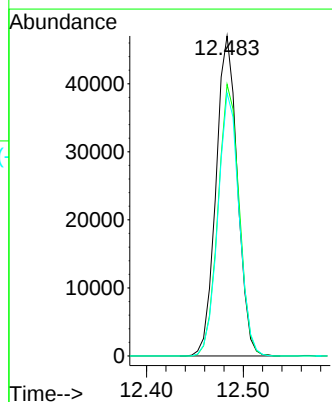
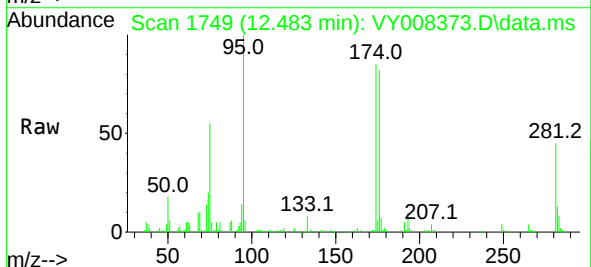
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

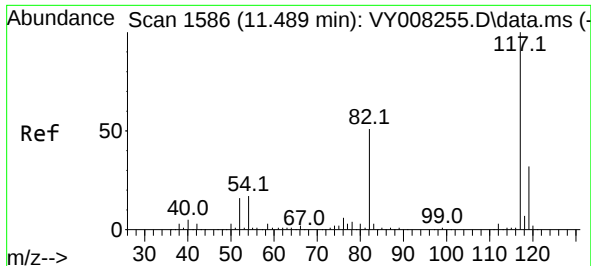
Tgt Ion: 98 Resp: 218519
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 95 Resp: 72199
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.1 0.0 175.8

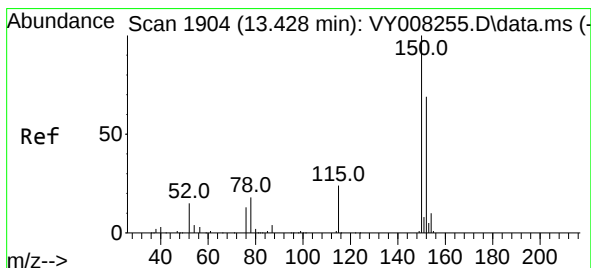
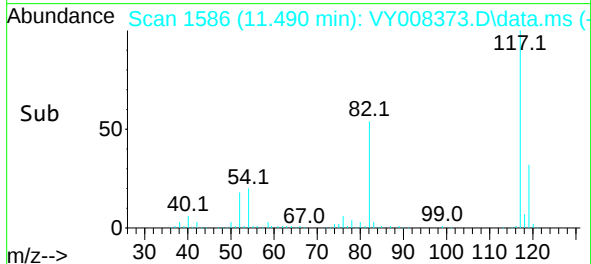
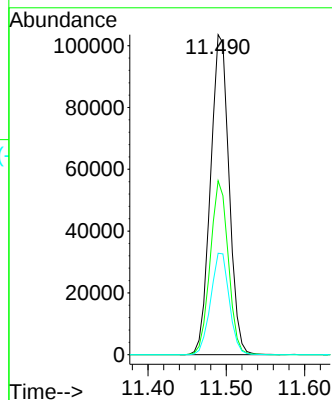
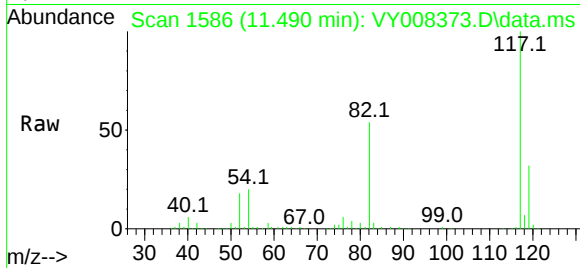




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

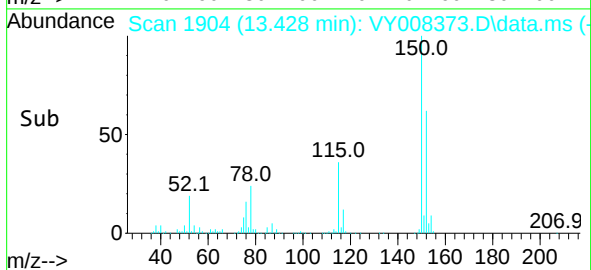
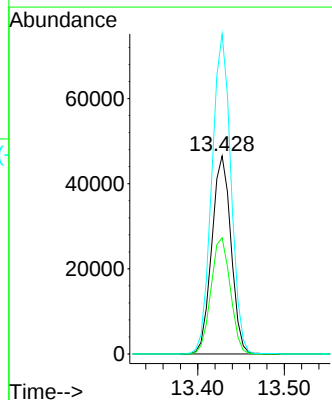
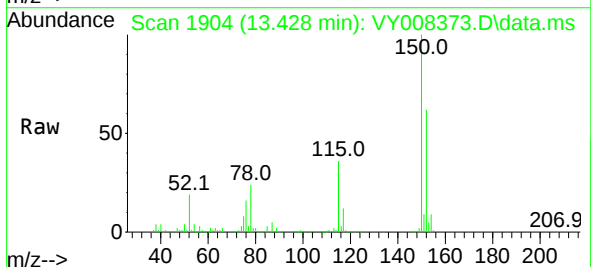
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

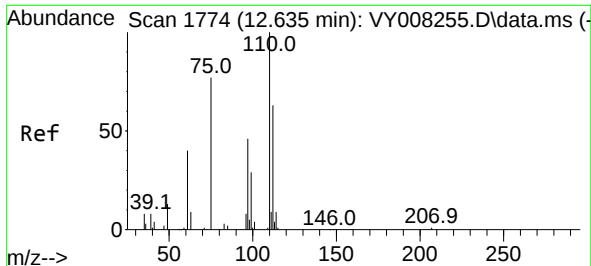
Tgt Ion:117 Resp: 170109
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion:152 Resp: 71590
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 160.7 0.0 347.6

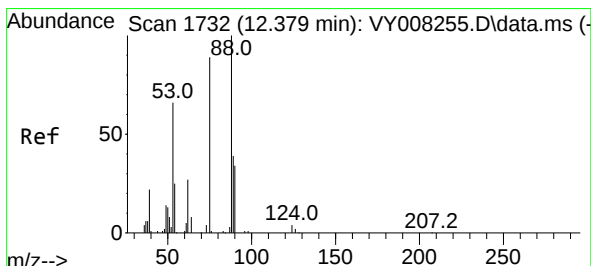
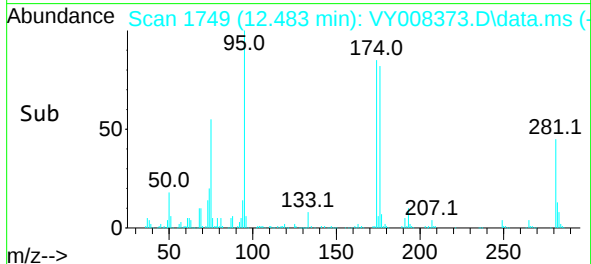
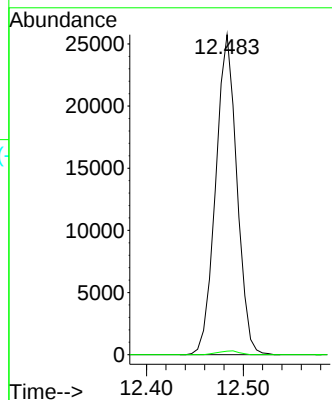
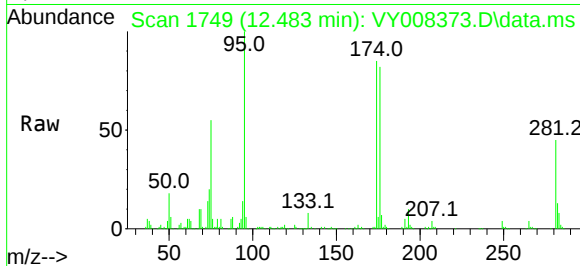




#76
1,2,3-Trichloropropane
Concen: 49.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-0-2

Tgt Ion: 75 Resp: 39155
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.649 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008373.D
Acq: 18 Apr 2022 15:09

Tgt Ion: 75 Resp: 39155
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.4 37.0 55.4#

