

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017831.D
 Acq On : 03 Apr 2024 13:25
 Operator : SY/MD
 Sample : P1956-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200010

Quant Time: Apr 04 01:10:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

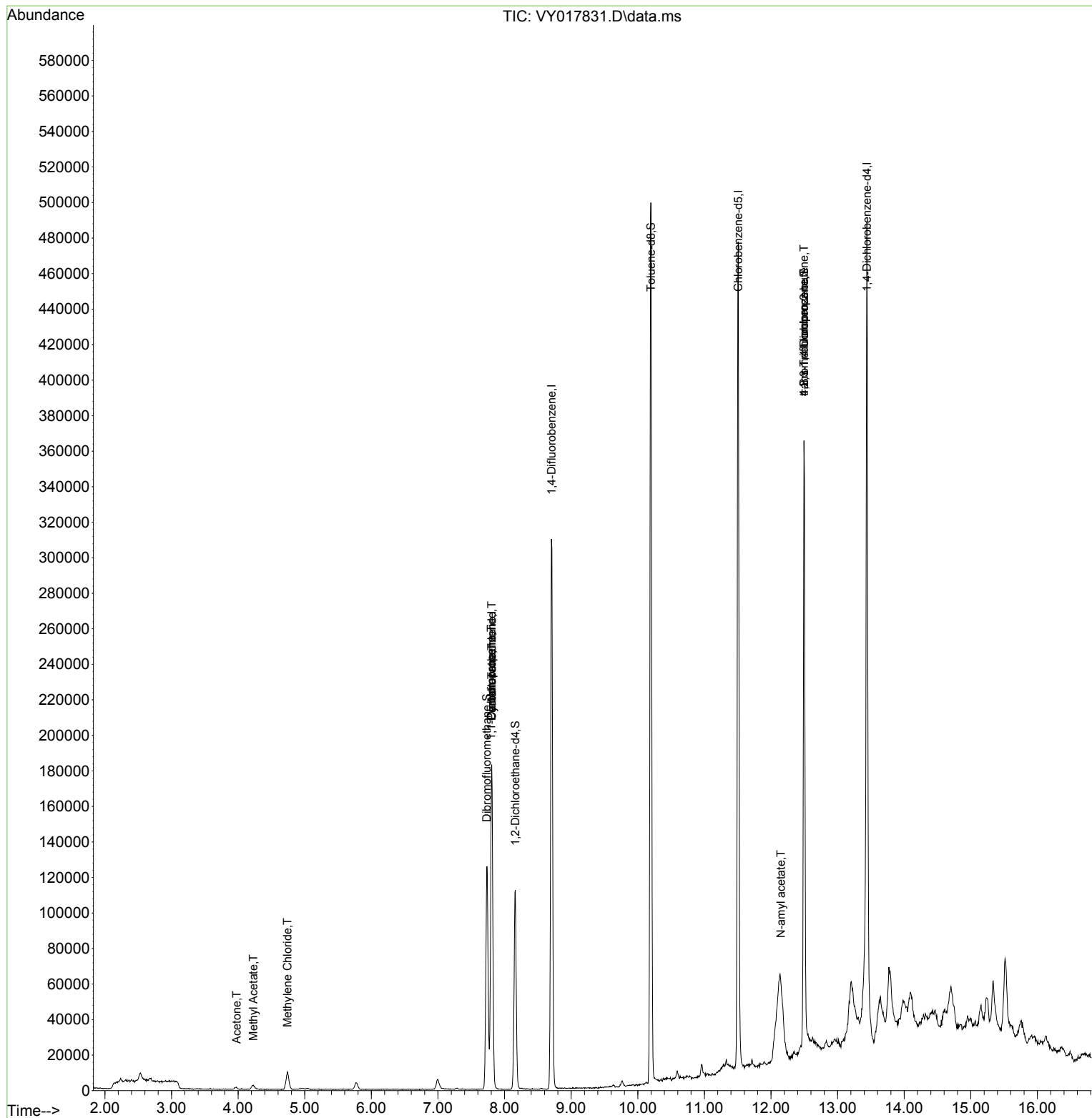
Internal Standards						
1) Pentafluorobenzene	7.807	168	145921	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	271285	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	256581	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	102540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86482	68.489	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.980%			
35) Dibromofluoromethane	7.734	113	89100	56.838	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.680%			
50) Toluene-d8	10.197	98	334703	57.159	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.320%			
62) 4-Bromofluorobenzene	12.496	95	98607	55.348	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.700%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	140	Below Cal	#	88
16) Acetone	3.979	43	1980	7.586	ug/l #	66
18) Methyl Acetate	4.229	43	1174	2.031	ug/l #	46
20) Methylene Chloride	4.741	84	7439	2.108	ug/l	84
31) Cyclohexane	7.807	56	3084	1.386	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	11792	5.156	ug/l #	47
38) Carbon Tetrachloride	7.807	117	13973	5.885	ug/l #	17
41) Methacrylonitrile	7.338	41	21	Below Cal	#	15
48) Methyl methacrylate	9.295	41	37	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.087	43	605	Below Cal	#	31
56) Ethyl methacrylate	10.539	69	347	Below Cal	#	74
59) 2-Hexanone	10.837	43	166	Below Cal	#	19
69) o-Xylene	12.081	106	110	Below Cal		42
70) Styrene	12.069	104	478	Below Cal	#	29
74) N-amyl acetate	12.148	43	2782	1.676	ug/l #	37
76) 1,2,3-Trichloropropane	12.496	75	54231	58.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	54231	111.656	ug/l #	16

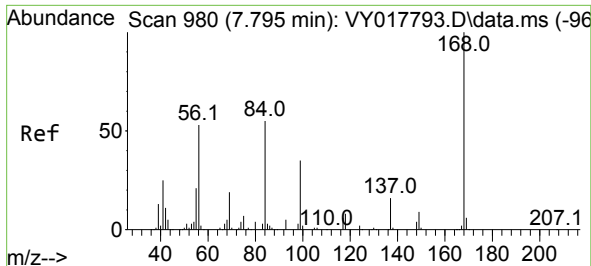
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 05:58:13 2024
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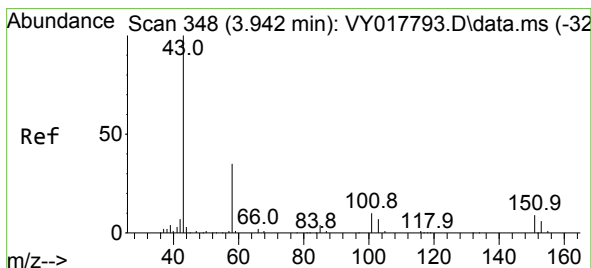
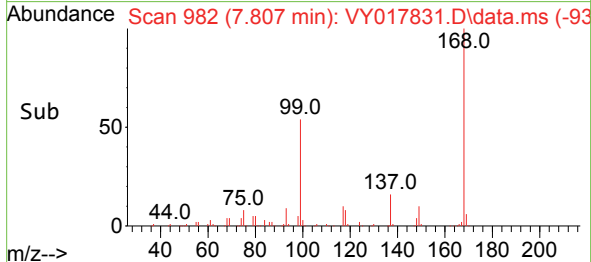
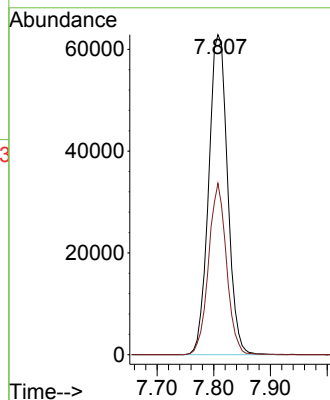
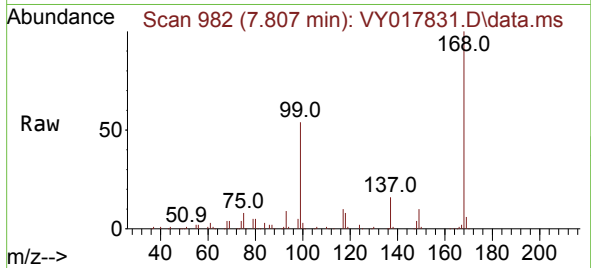




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

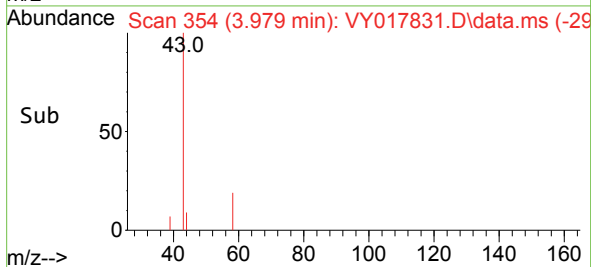
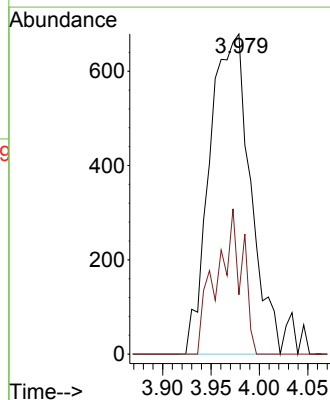
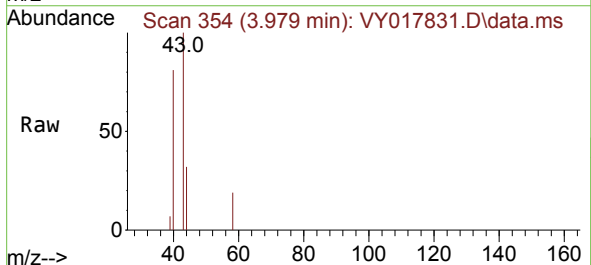
Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

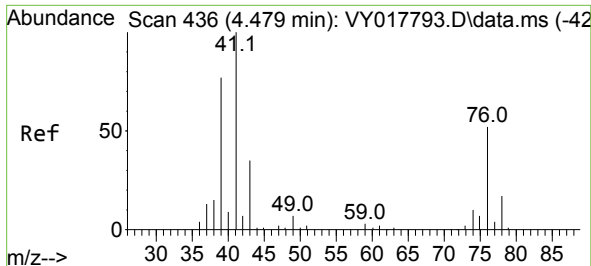
Tgt Ion:168 Resp: 145921
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 7.586 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
58 18.6 31.7 47.5#

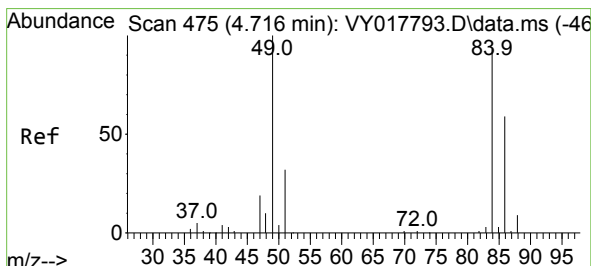
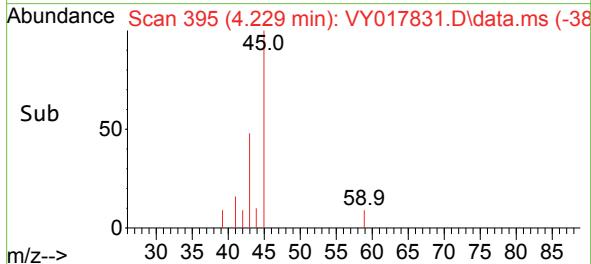
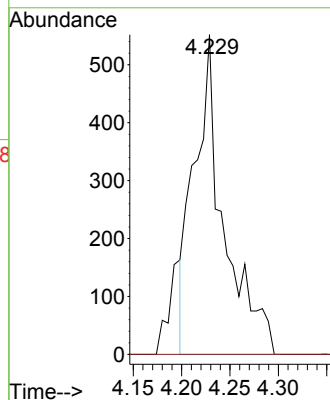
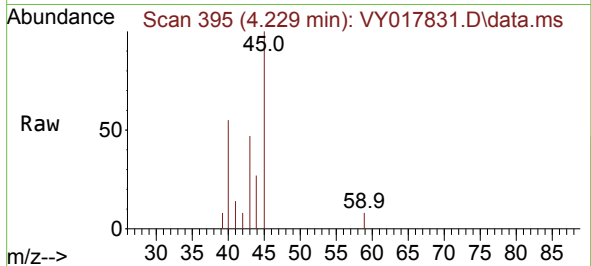




#18
Methyl Acetate
Concen: 2.031 ug/l
RT: 4.229 min Scan# 395
Delta R.T. -0.250 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

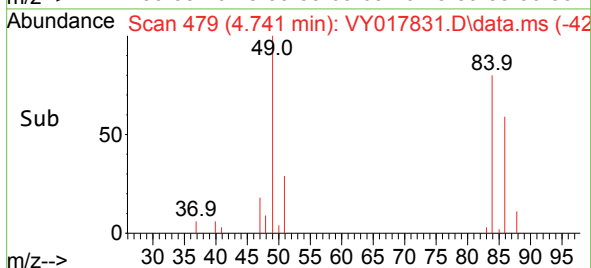
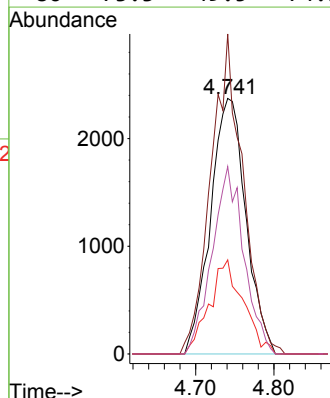
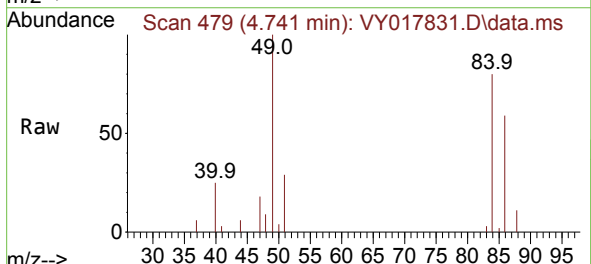
Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

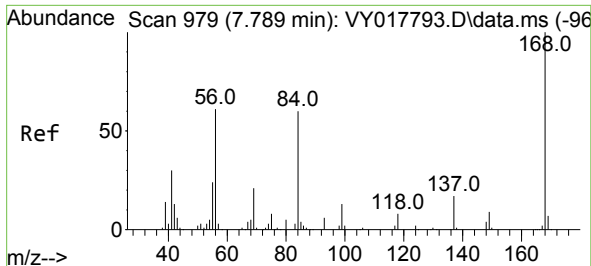
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 2.108 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.025 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

Tgt Ion: 84 Resp: 7439
Ion Ratio Lower Upper
84 100
49 125.3 84.4 126.6
51 36.8 26.0 39.0
86 73.3 49.5 74.3

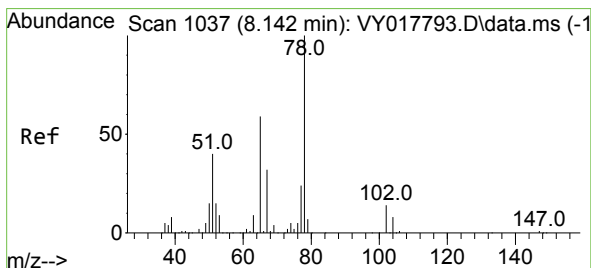
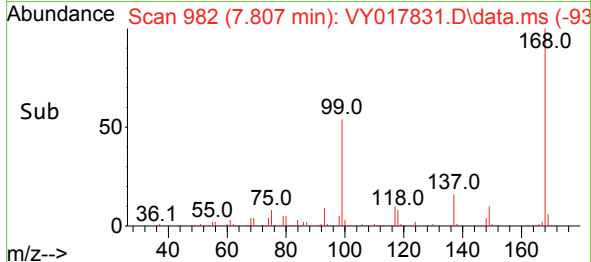
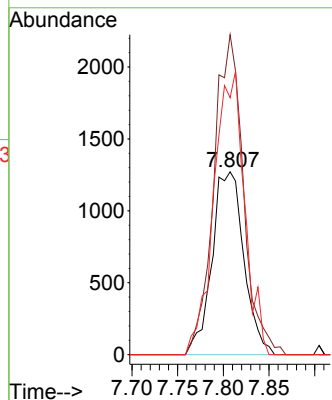
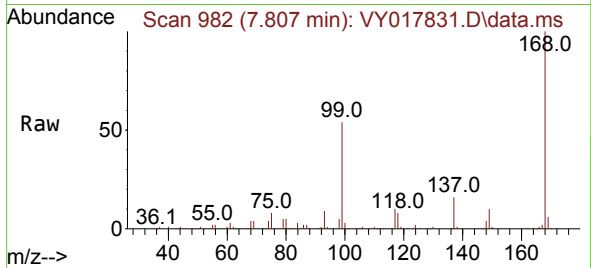




#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

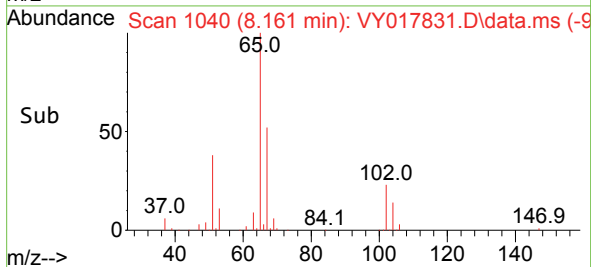
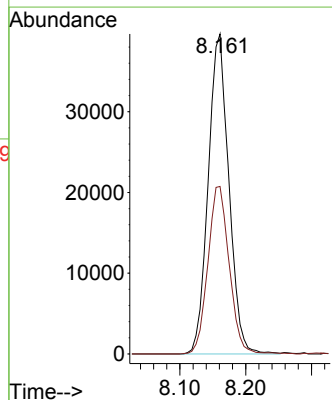
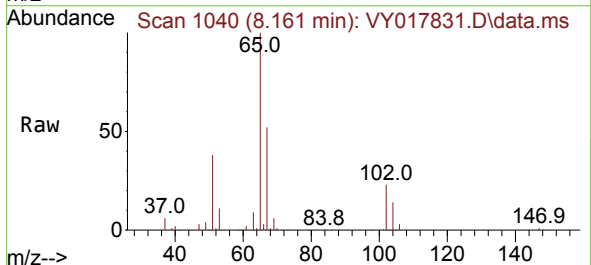
Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

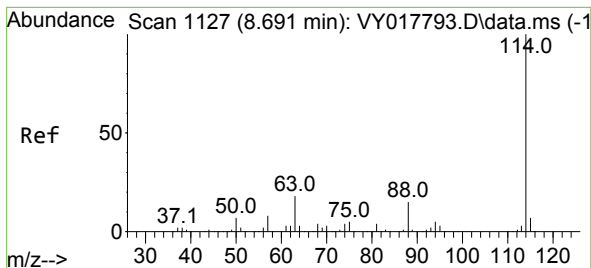
Tgt Ion: 56 Resp: 3084
Ion Ratio Lower Upper
56 100
69 174.9 28.7 43.1#
84 140.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 68.489 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

Tgt Ion: 65 Resp: 86482
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200010

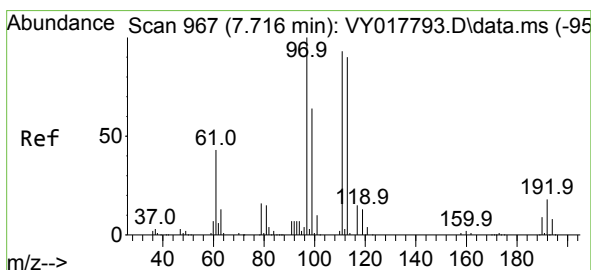
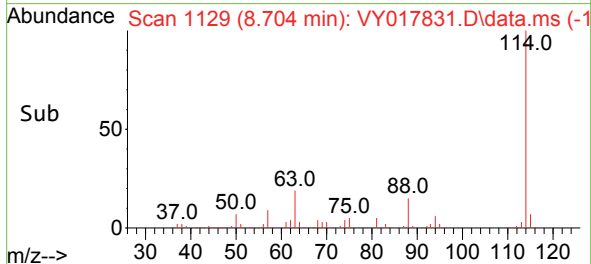
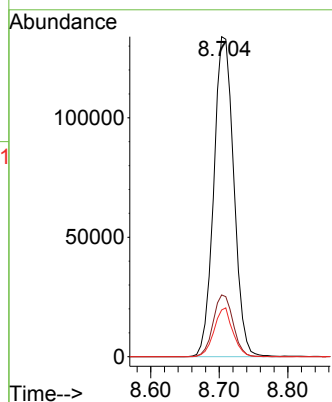
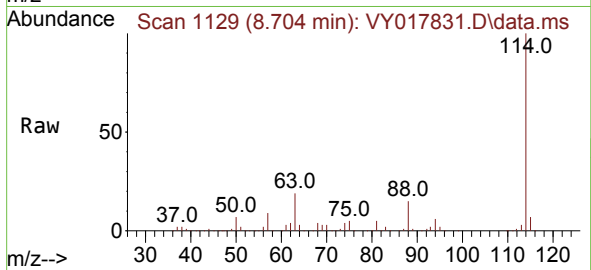
Tgt Ion:114 Resp: 271285

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.838 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

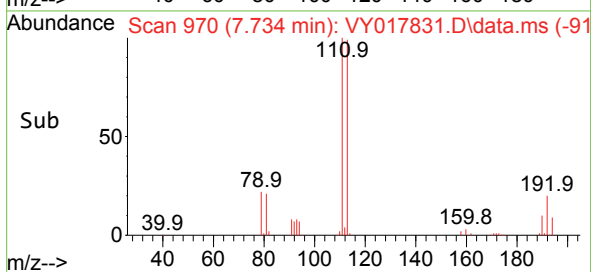
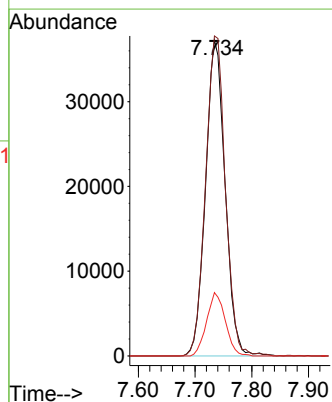
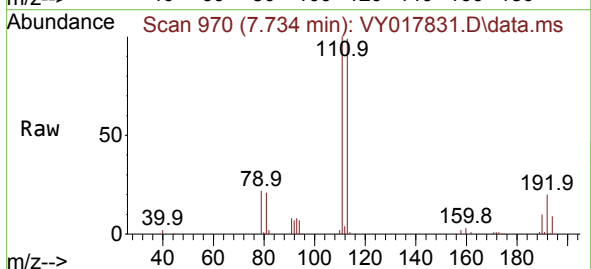
Tgt Ion:113 Resp: 89100

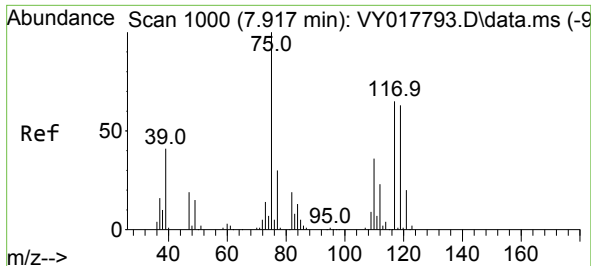
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.2 15.9 23.9

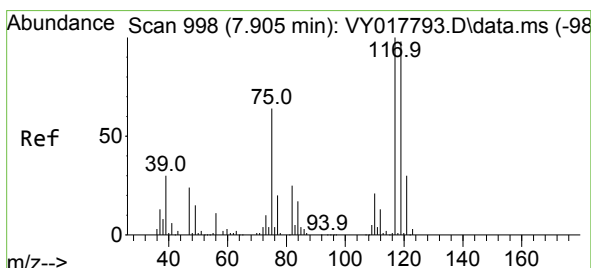
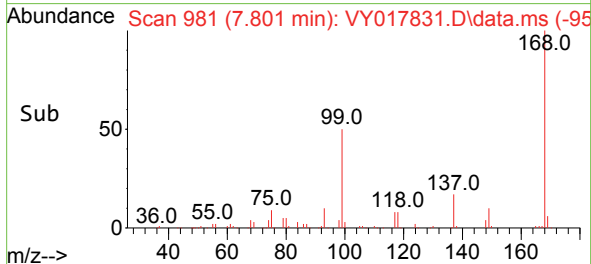
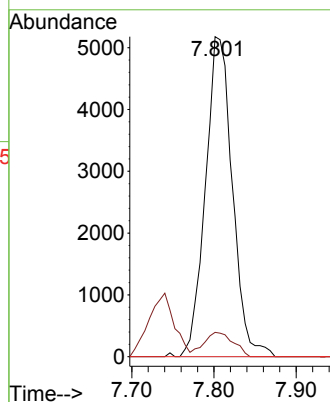
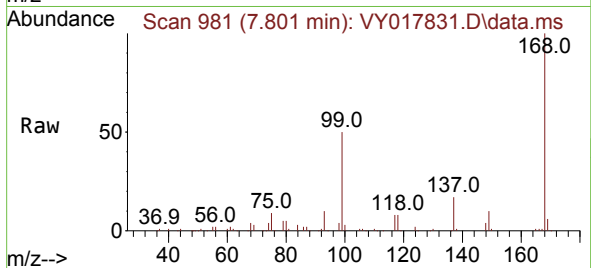




#36
1,1-Dichloropropene
Concen: 5.156 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

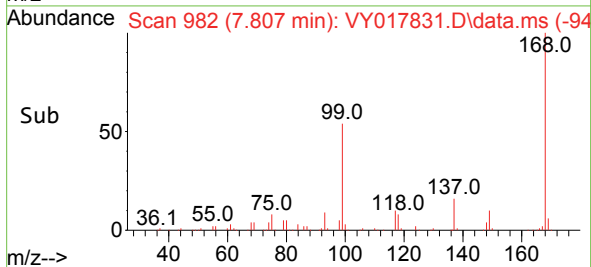
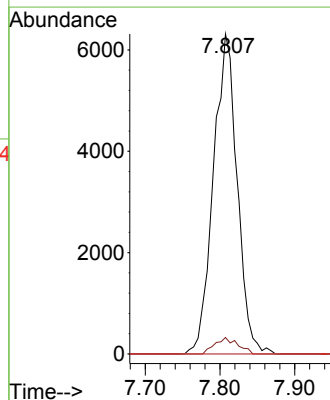
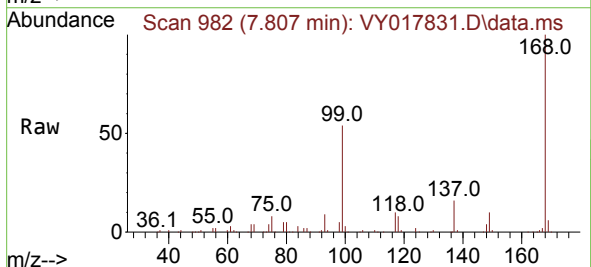
Instrument :
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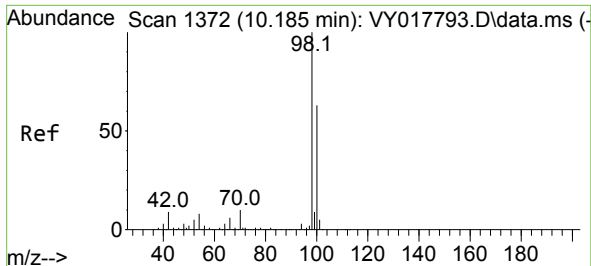
Tgt Ion: 75 Resp: 11792
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.097 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

Tgt Ion: 117 Resp: 13973
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#

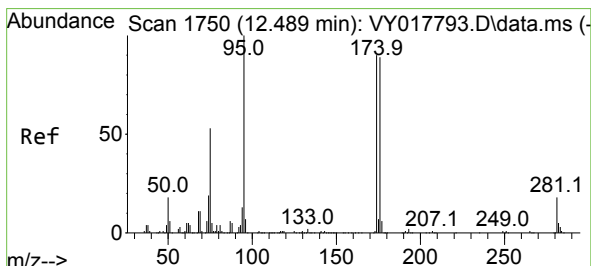
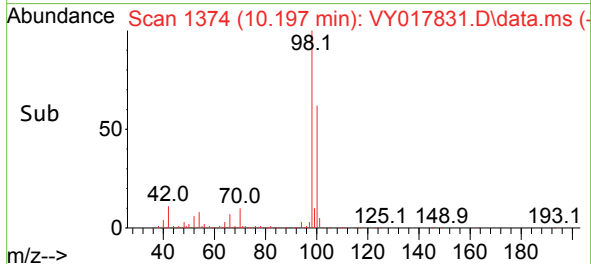
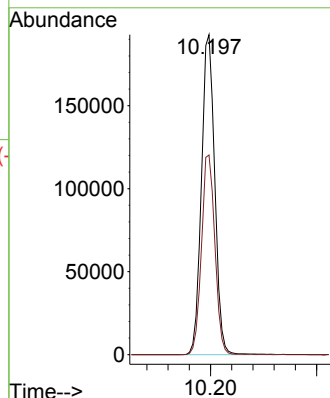
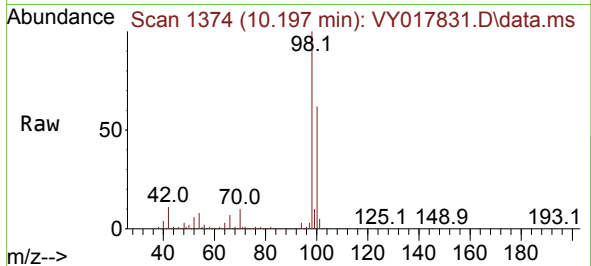




#50
Toluene-d8
Concen: 57.159 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

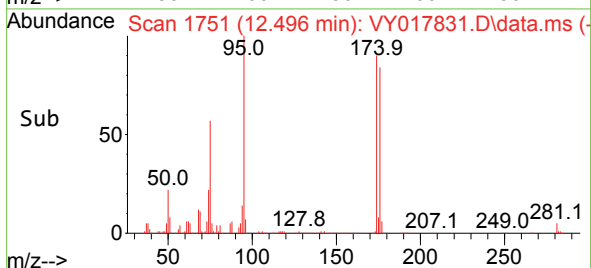
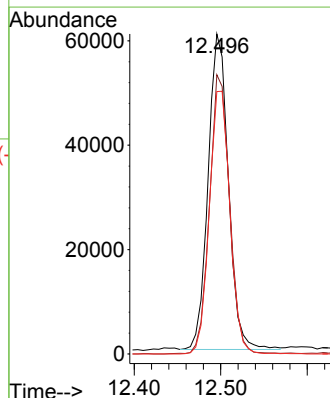
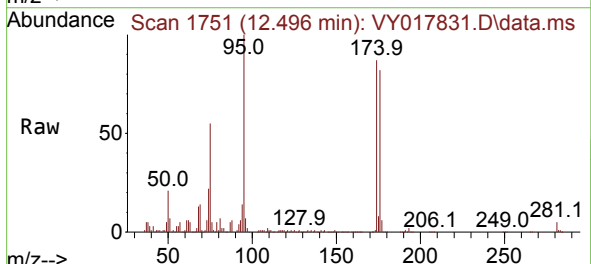
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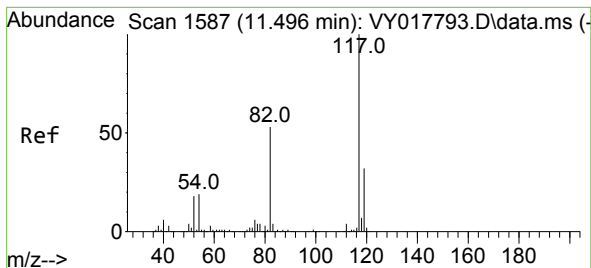
Tgt Ion: 98 Resp: 334703
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.348 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

Tgt Ion: 95 Resp: 98607
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200010

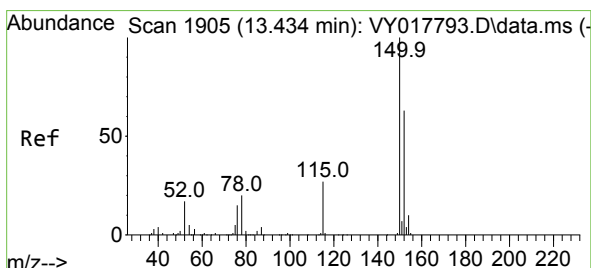
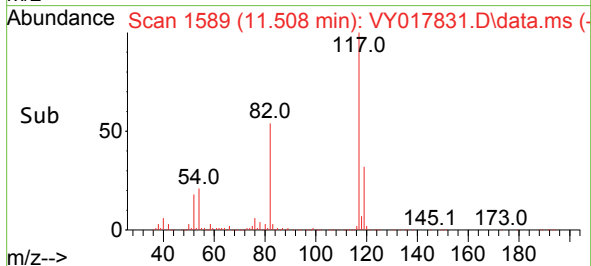
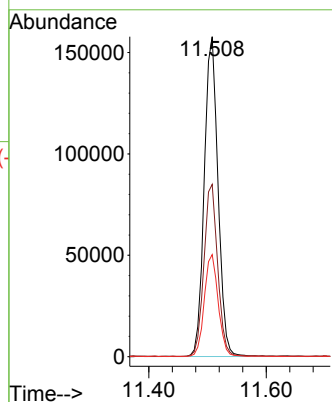
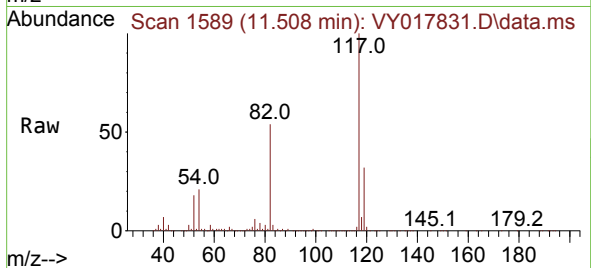
Tgt Ion:117 Resp: 256581

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

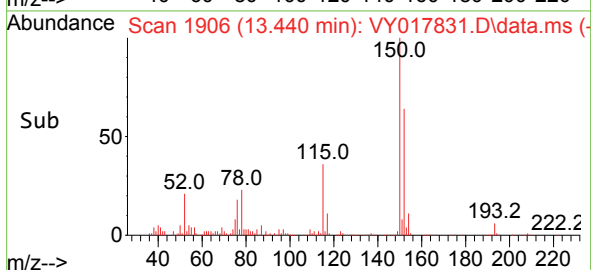
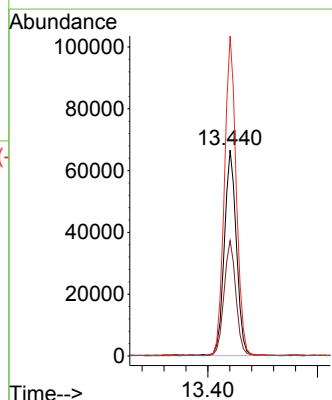
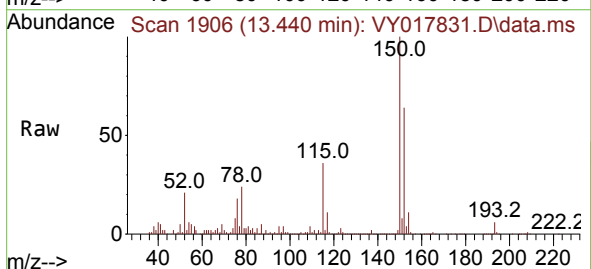
Tgt Ion:152 Resp: 102540

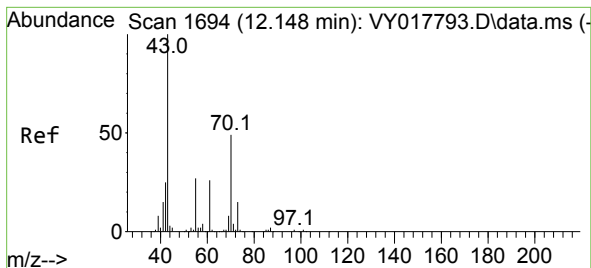
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 151.8 0.0 345.6





#74

N-ethyl acetate

Concen: 1.676 ug/l

RT: 12.148 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200010

Tgt Ion: 43 Resp: 2782

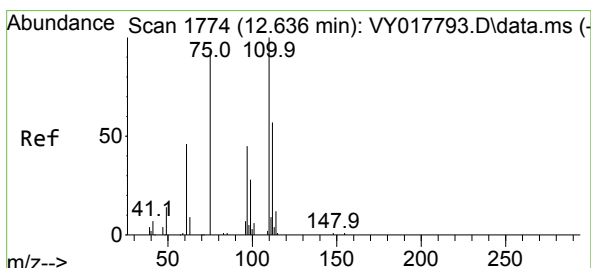
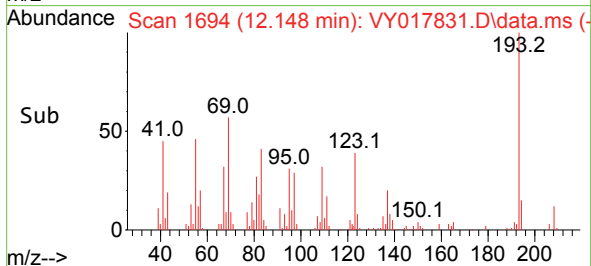
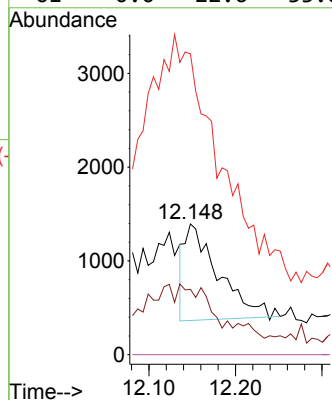
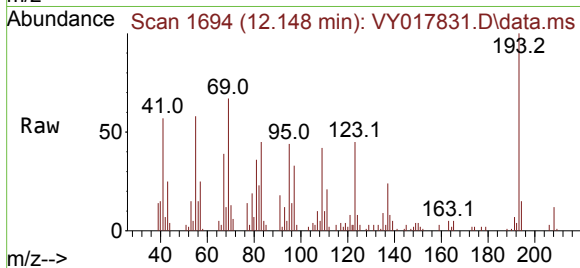
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 58.038 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017831.D

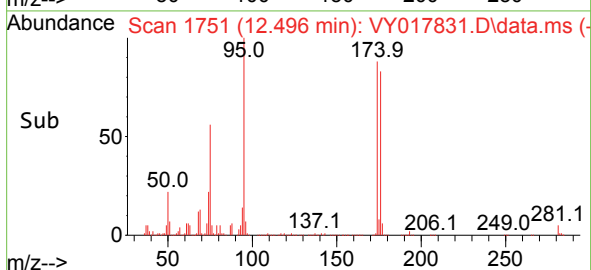
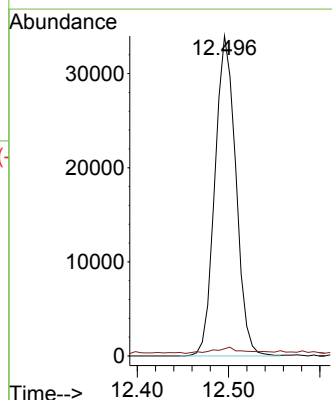
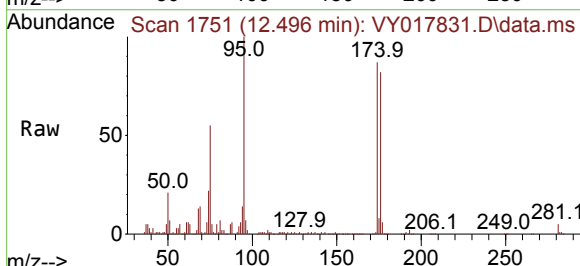
Acq: 03 Apr 2024 13:25

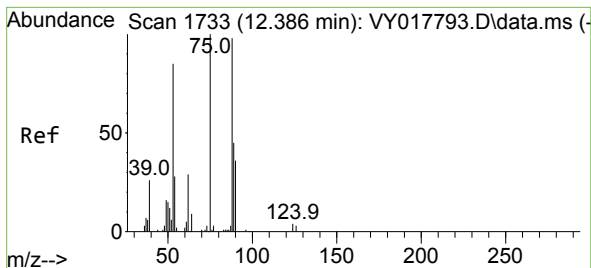
Tgt Ion: 75 Resp: 54231

Ion Ratio Lower Upper

75 100

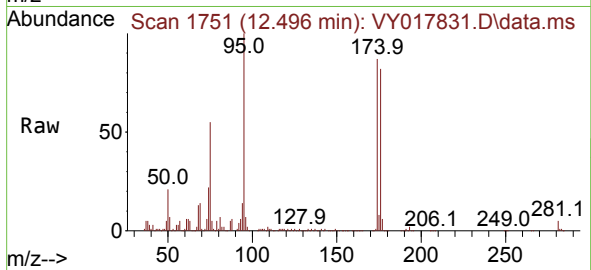
77 2.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.656 ug/l
 RT: 12.496 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017831.D
 Acq: 03 Apr 2024 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200010



Tgt Ion:	75	Resp:	54231
Ion	Ratio	Lower	Upper
75	100		
53	0.5	66.8	100.2#
89	0.1	35.8	53.6#

