

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009837.D
 Acq On : 04 Aug 2022 17:08
 Operator : KP/MD
 Sample : N3935-10RE
 Misc : 3.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-140

Quant Time: Aug 05 01:44:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

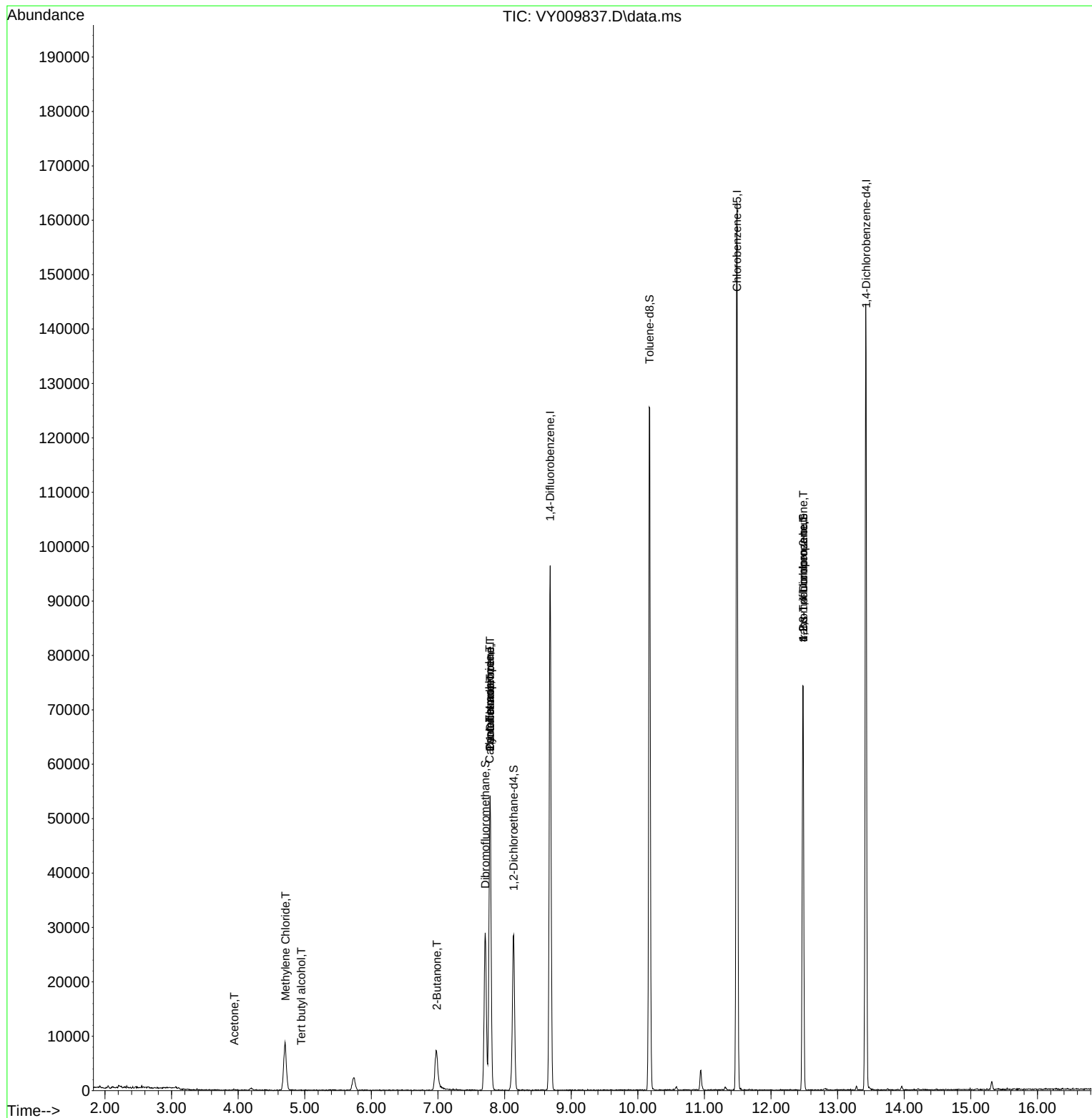
Internal Standards						
1) Pentafluorobenzene	7.783	168	41532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20878	62.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.380%
35) Dibromofluoromethane	7.709	113	19579	40.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.380%
50) Toluene-d8	10.179	98	79023	56.889	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.780%
62) 4-Bromofluorobenzene	12.483	95	21729	33.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	66.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43	Below Cal	#	42
11) Tert butyl alcohol	4.948	59	57	1.293	ug/l #	78
16) Acetone	3.942	43	230	1.956	ug/l #	45
20) Methylene Chloride	4.710	84	5922	3.537	ug/l #	86
25) 2-Butanone	6.984	43	405	2.106	ug/l #	53
31) Cyclohexane	7.783	56	945	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3678	4.607	ug/l #	48
38) Carbon Tetrachloride	7.777	117	3972	4.731	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	11854	28.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11854	61.975	ug/l #	13

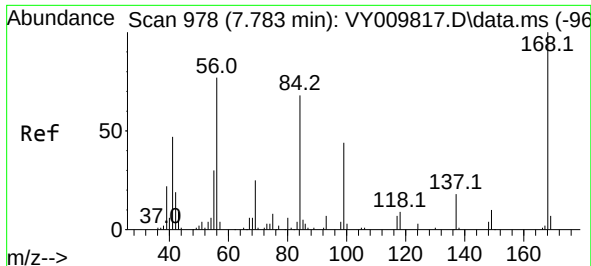
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RVE-140

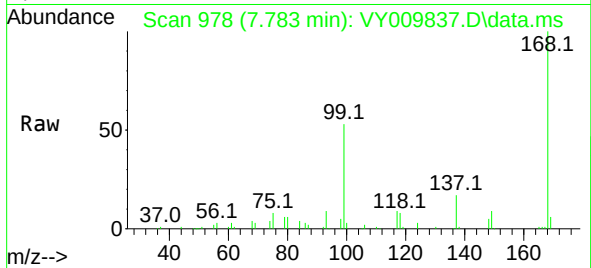
Quant Time: Aug 05 01:44:27 2022
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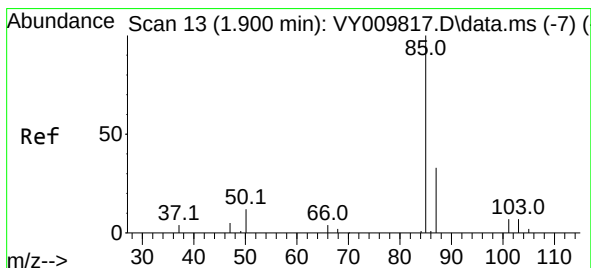
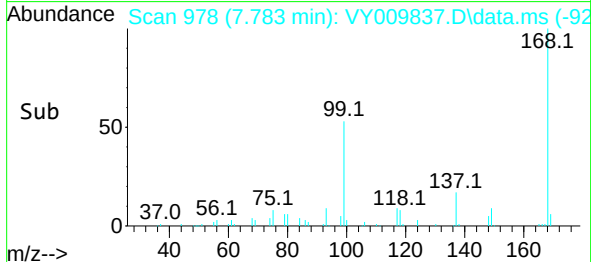
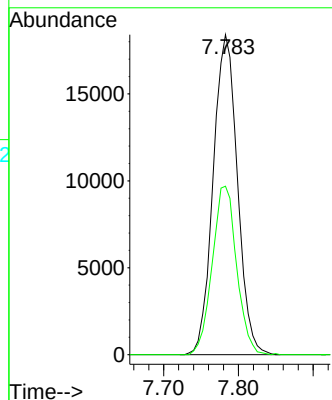


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :
RVE-140

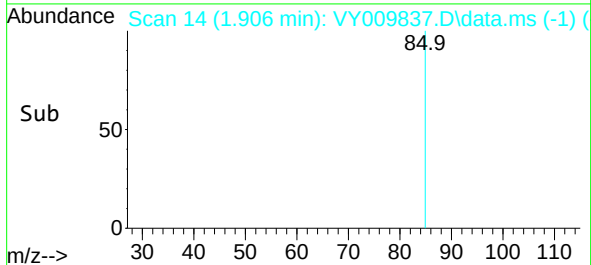
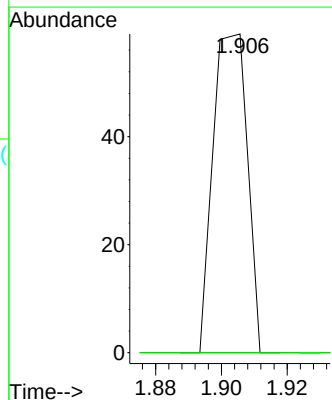
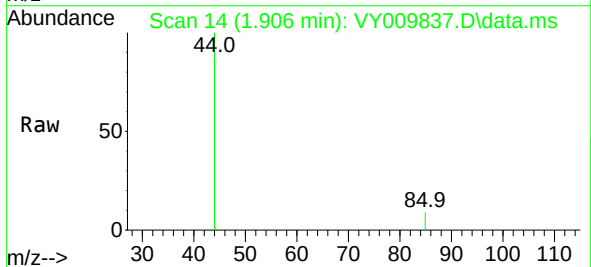


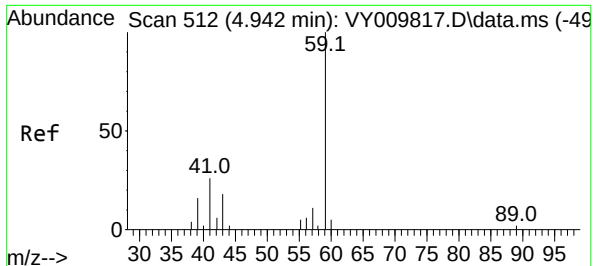
Tgt Ion:168 Resp: 41532
Ion Ratio Lower Upper
168 100
99 52.6 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 85 Resp: 43
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#





#11

Tert butyl alcohol

Concen: 1.293 ug/l

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009837.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_Y

ClientSampleId :

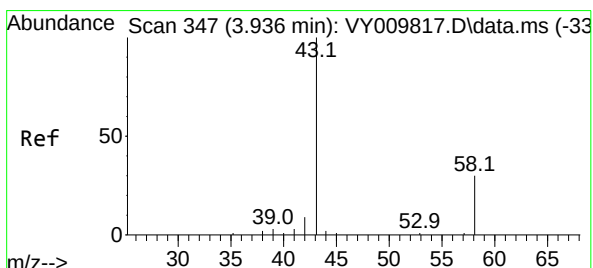
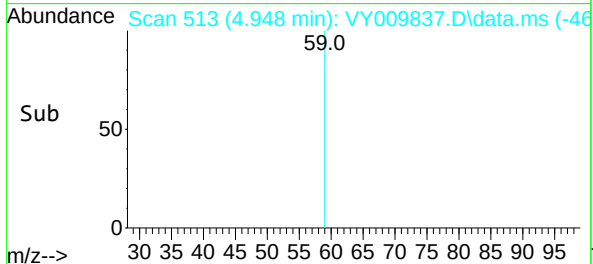
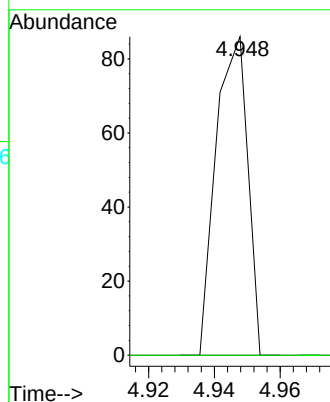
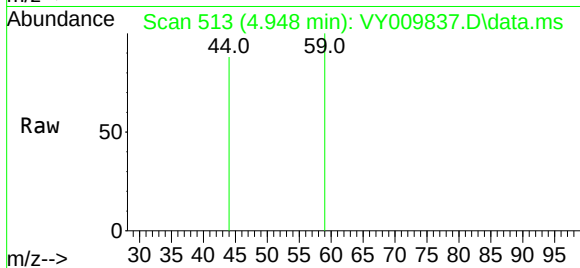
RVE-140

Tgt Ion: 59 Resp: 57

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.2#



#16

Acetone

Concen: 1.956 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009837.D

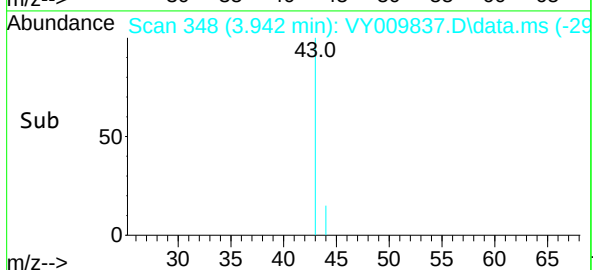
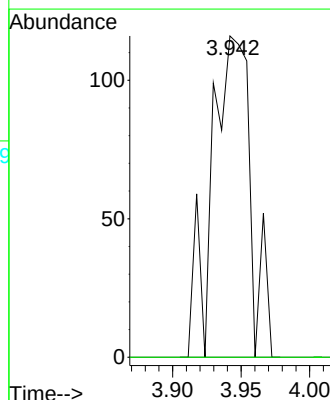
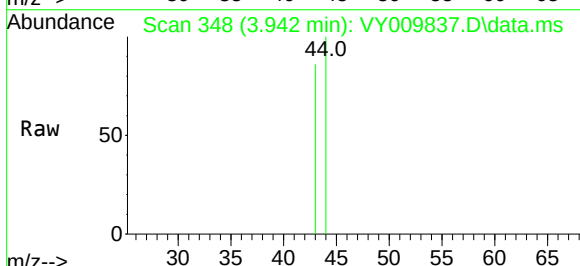
Acq: 04 Aug 2022 17:08

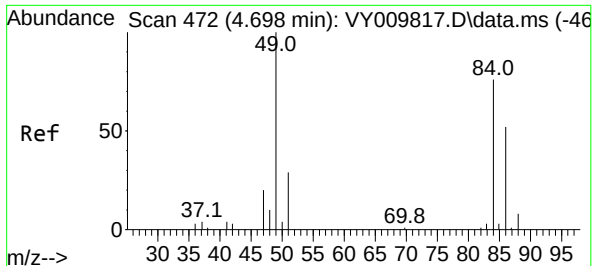
Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#





#20

Methylene Chloride

Concen: 3.537 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY009837.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_Y

ClientSampleId :

RVE-140

Tgt Ion: 84 Resp: 5922

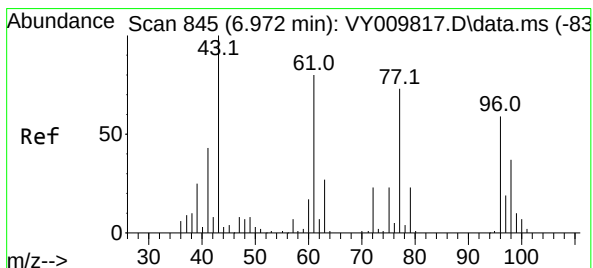
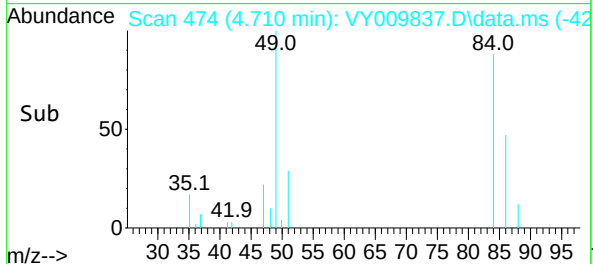
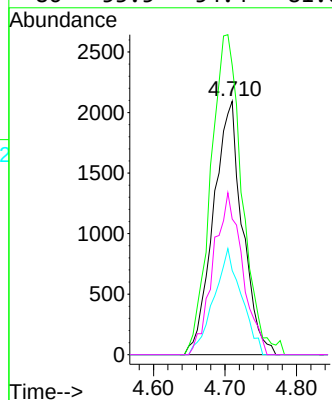
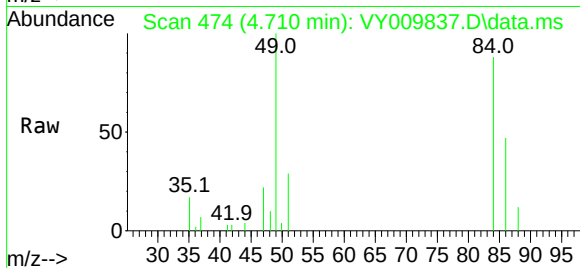
Ion Ratio Lower Upper

84 100

49 114.2 104.6 156.8

51 33.2 30.9 46.3

86 53.5 54.4 81.6#



#25

2-Butanone

Concen: 2.106 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY009837.D

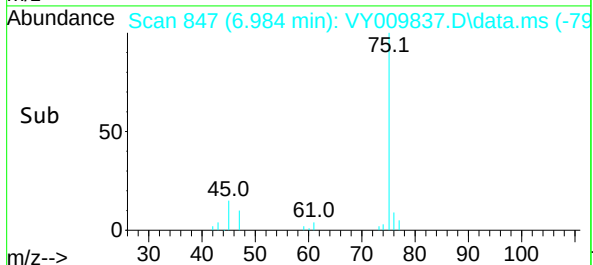
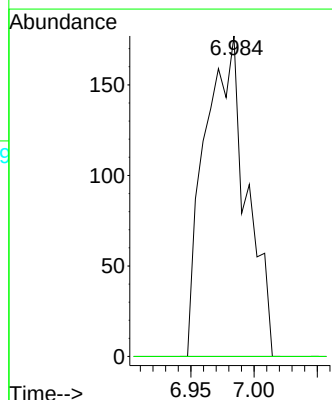
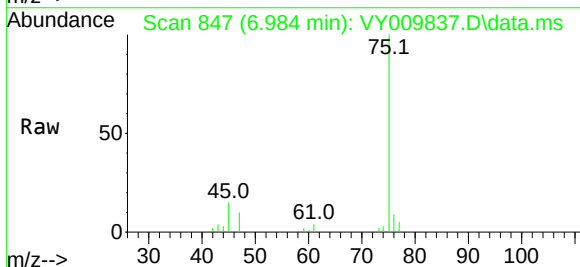
Acq: 04 Aug 2022 17:08

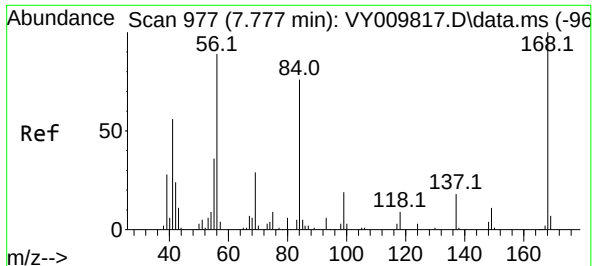
Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#





#31

Cyclohexane

Concen: 1.203 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY009837.D

Acq: 04 Aug 2022 17:08

Instrument :

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ClientSampleId :

RVE-140

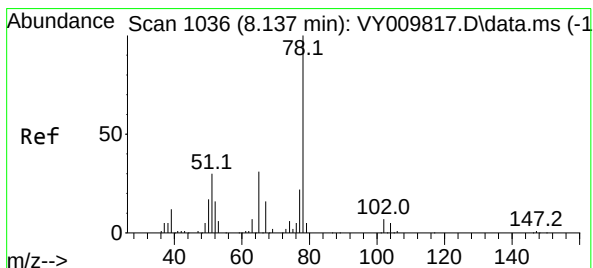
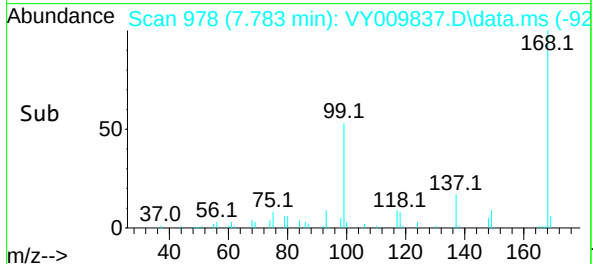
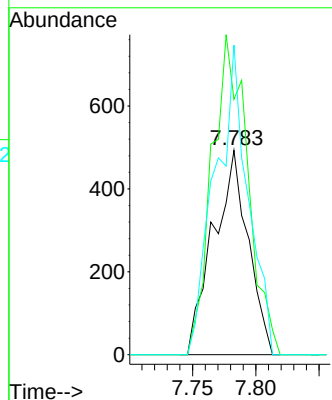
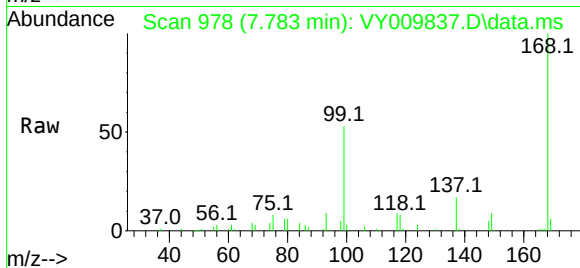
Tgt Ion: 56 Resp: 945

Ion Ratio Lower Upper

56 100

69 124.9 25.8 38.8#

84 151.5 67.9 101.9#



#33

1,2-Dichloroethane-d4

Concen: 62.691 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009837.D

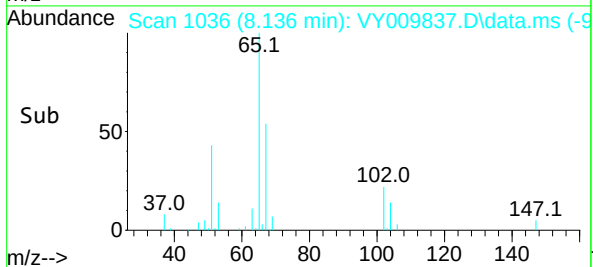
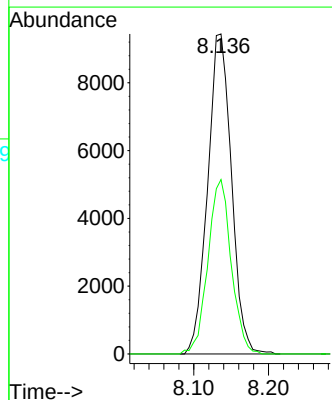
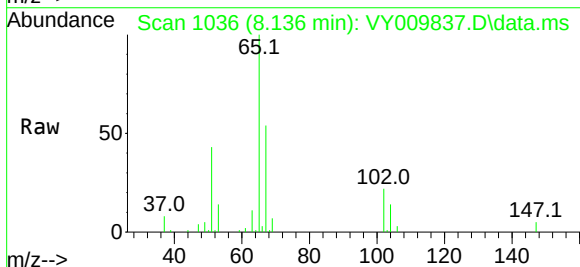
Acq: 04 Aug 2022 17:08

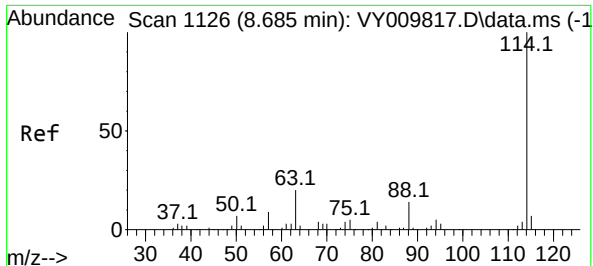
Tgt Ion: 65 Resp: 20878

Ion Ratio Lower Upper

65 100

67 53.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009837.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_Y

ClientSampleId :

RVE-140

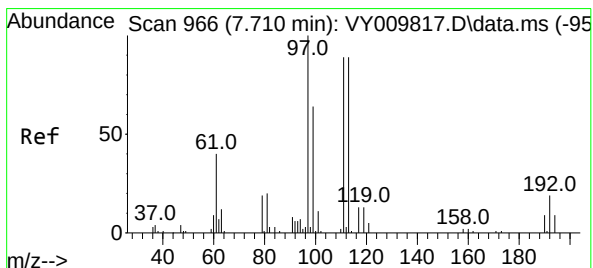
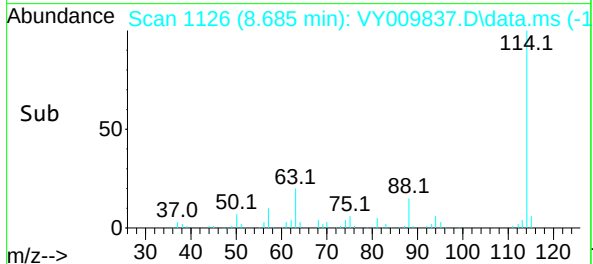
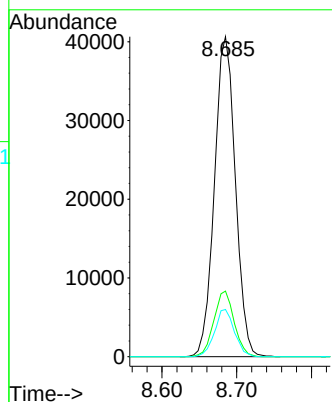
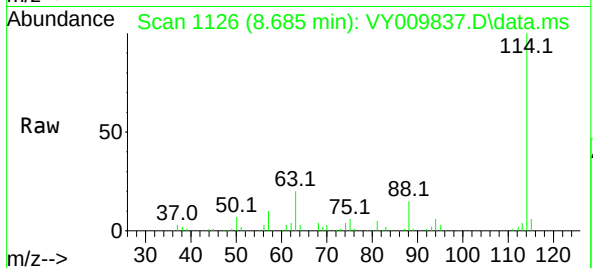
Tgt Ion:114 Resp: 78924

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 14.7 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.687 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009837.D

Acq: 04 Aug 2022 17:08

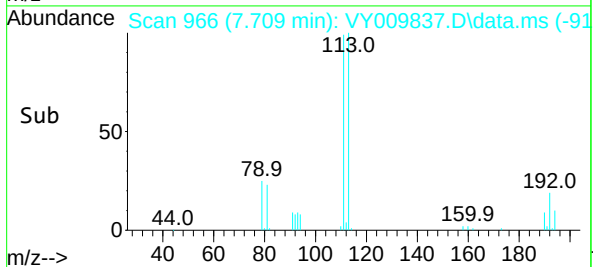
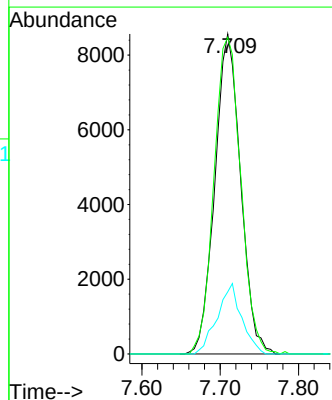
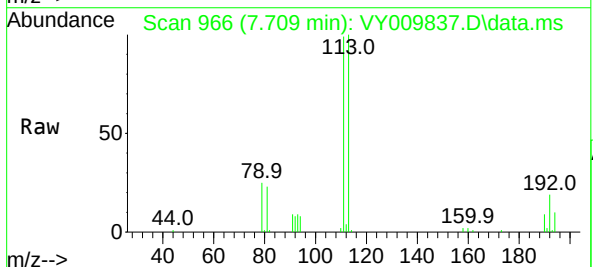
Tgt Ion:113 Resp: 19579

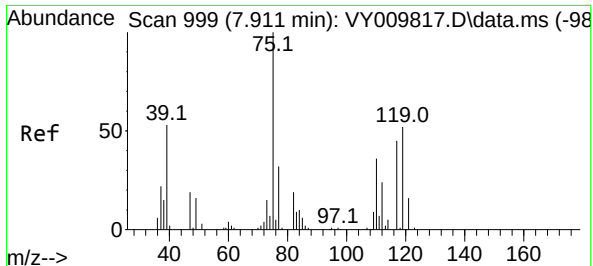
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 20.9 16.5 24.7

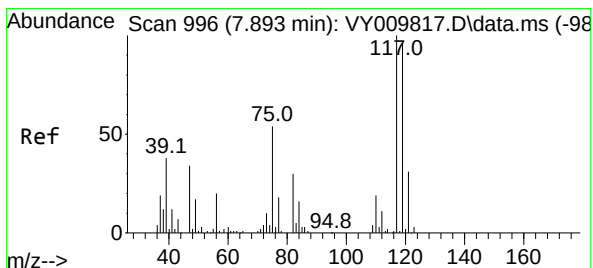
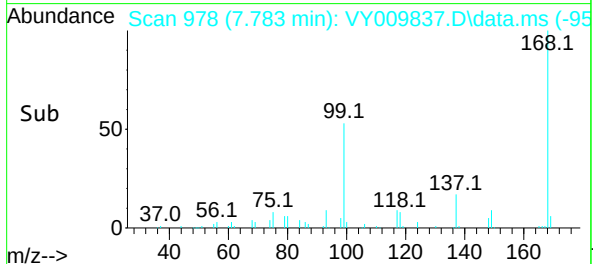
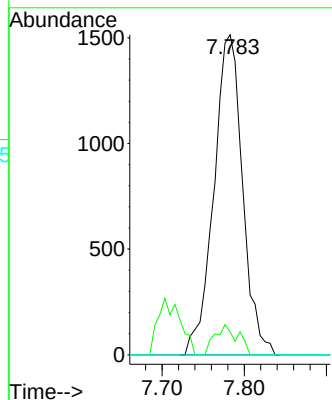
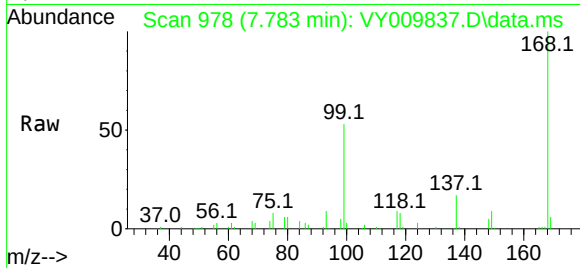




#36
1,1-Dichloropropene
Concen: 4.607 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

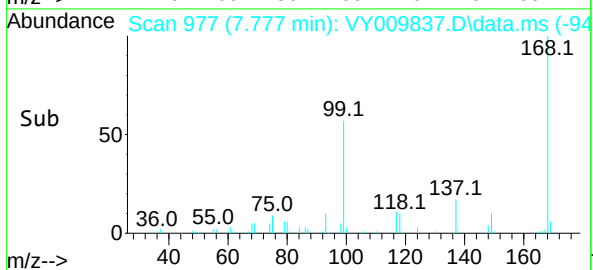
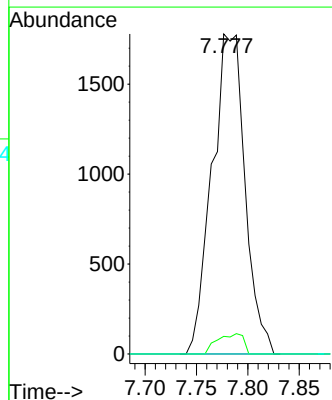
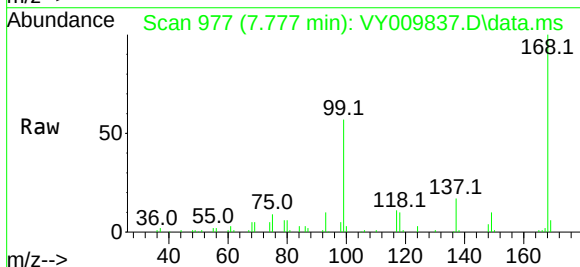
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RVE-140

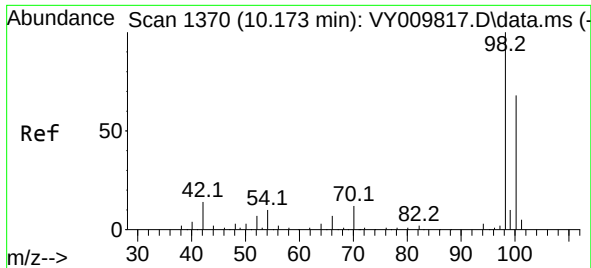
Tgt Ion: 75 Resp: 3678
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.731 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 117 Resp: 3972
Ion Ratio Lower Upper
117 100
119 5.5 76.8 115.2#
121 0.0 24.9 37.3#

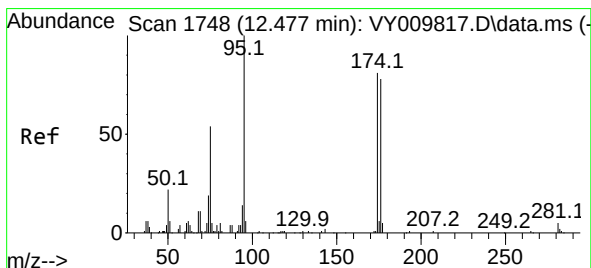
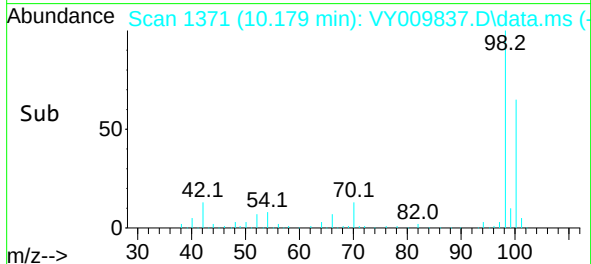
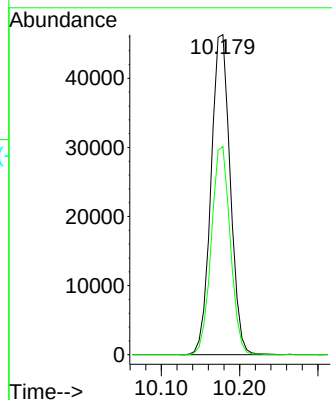
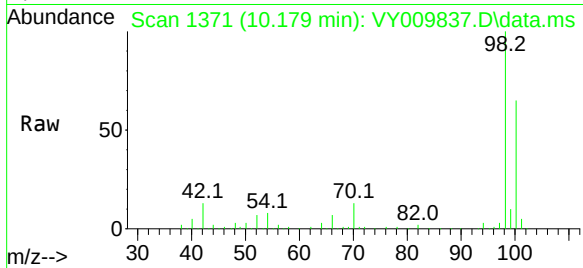




#50
Toluene-d8
Concen: 56.889 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

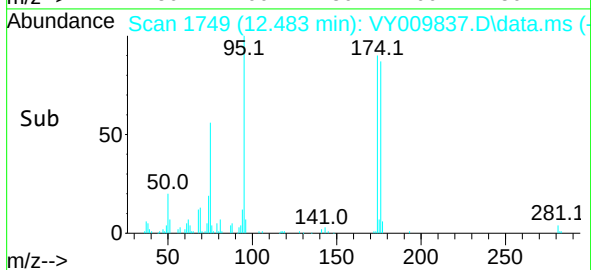
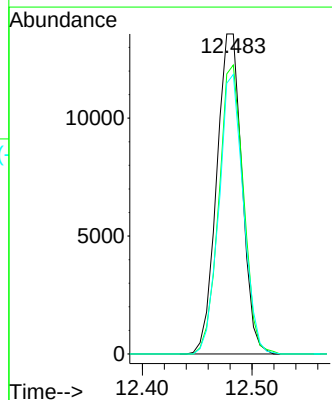
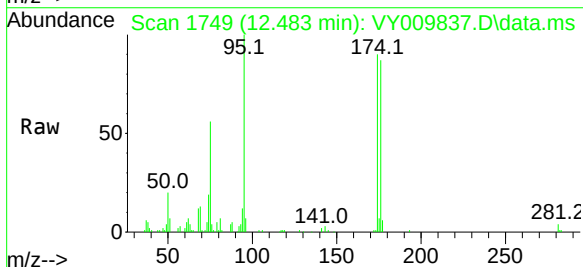
Instrument :
MSVOA_Y
ClientSampleId :
RVE-140

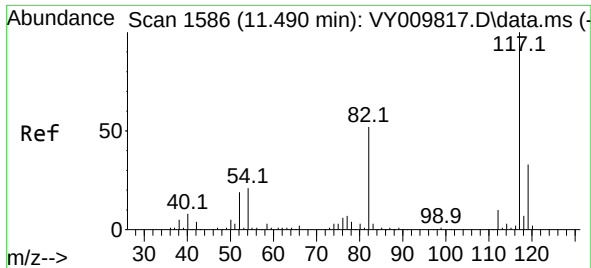
Tgt Ion: 98 Resp: 79023
Ion Ratio Lower Upper
98 100
100 64.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 33.346 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 95 Resp: 21729
Ion Ratio Lower Upper
95 100
174 88.0 0.0 168.6
176 84.4 0.0 163.6

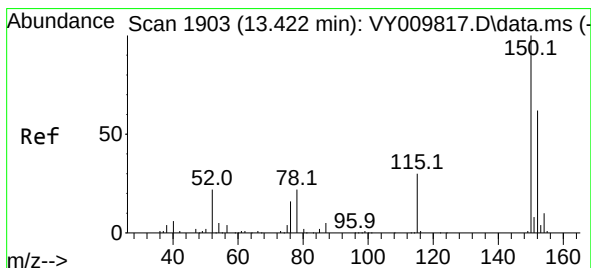
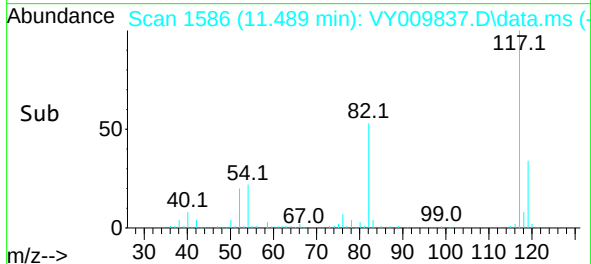
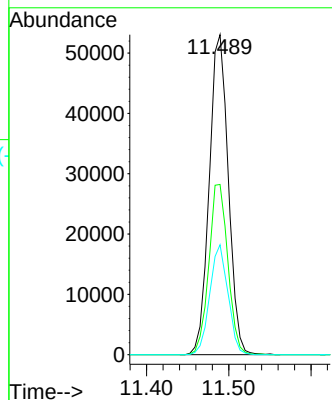
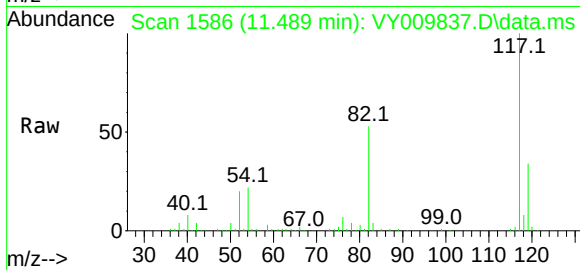




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

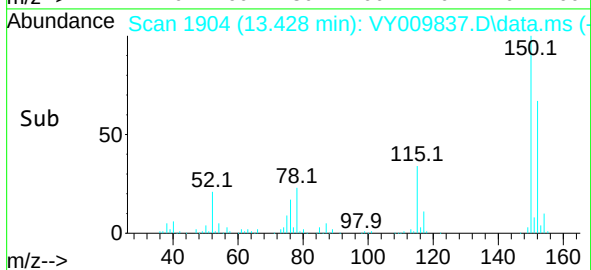
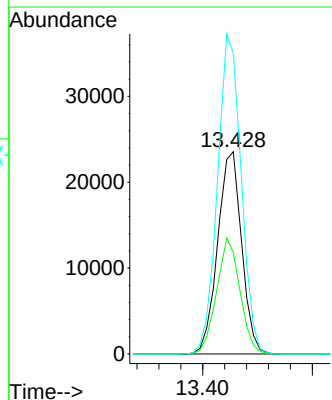
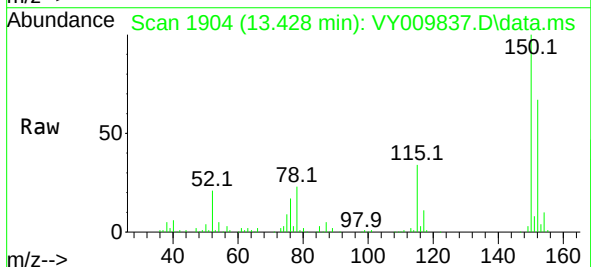
Instrument :
MSVOA_Y
ClientSampleId :
RVE-140

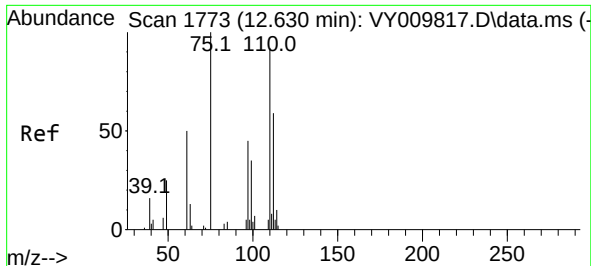
Tgt Ion:117 Resp: 85361
Ion Ratio Lower Upper
117 100
82 53.2 41.7 62.5
119 34.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Tgt Ion:152 Resp: 35886
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 155.9 0.0 354.2

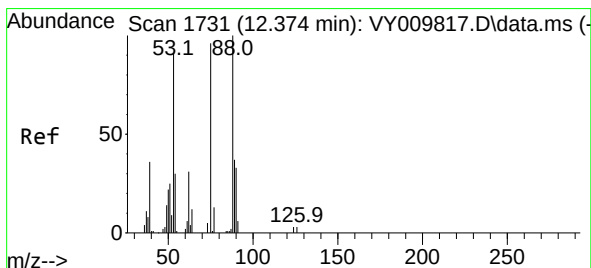
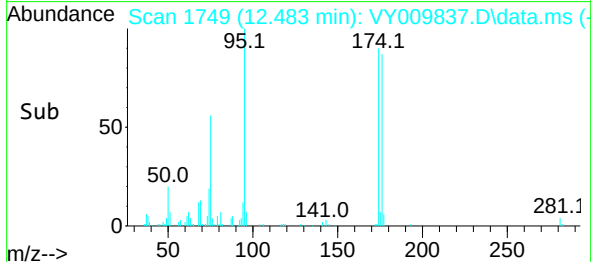
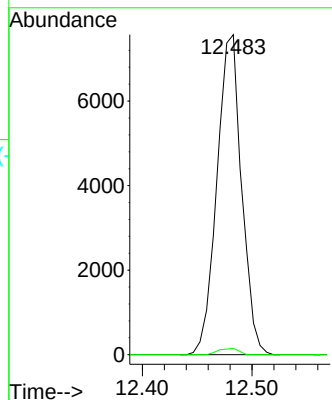
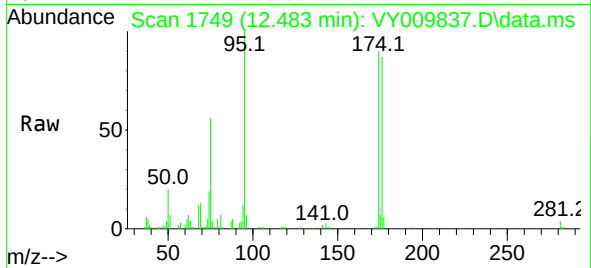




#76
1,2,3-Trichloropropane
Concen: 28.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :
RVE-140

Tgt Ion: 75 Resp: 11854
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY009837.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 75 Resp: 11854
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.3 35.3 52.9#

