

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018371.D
 Acq On : 24 May 2024 17:52
 Operator : SY/MD
 Sample : P2615-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

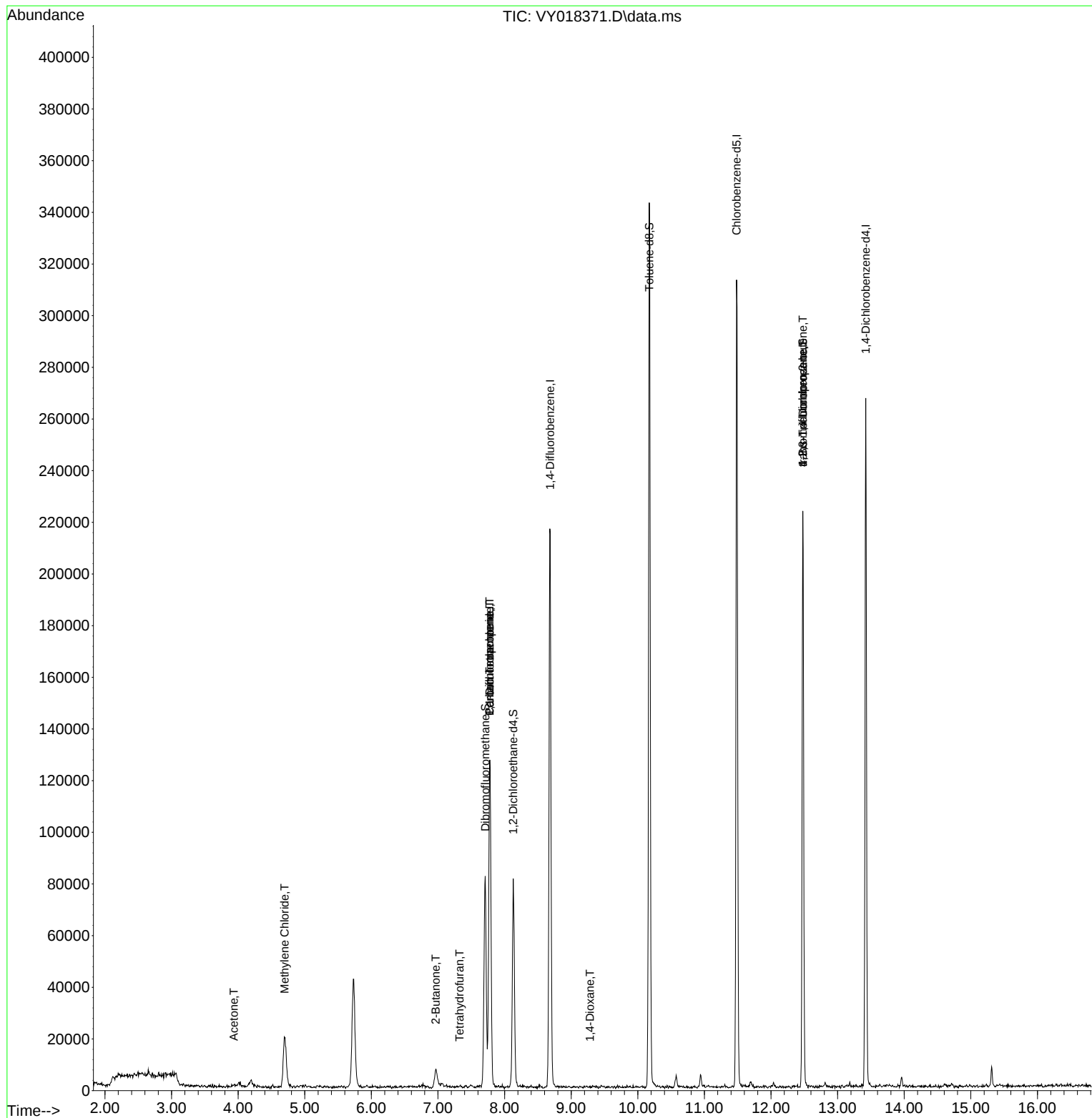
Internal Standards						
1) Pentafluorobenzene	7.777	168	95201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	188376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	169556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57435	63.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.360%	
35) Dibromofluoromethane	7.710	113	58462	53.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.173	98	219958	51.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.477	95	69048	52.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	305	Below Cal	#	88
13) Acrolein	3.698	56	56	Below Cal	#	1
16) Acetone	3.936	43	1516	8.172	ug/l #	85
20) Methylene Chloride	4.698	84	15867	11.088	ug/l #	93
25) 2-Butanone	6.966	43	441	1.500	ug/l	91
29) Tetrahydrofuran	7.325	42	385	1.990	ug/l #	29
31) Cyclohexane	7.777	56	2562	Below Cal	#	46
36) 1,1-Dichloropropene	7.777	75	8769	5.504	ug/l #	48
38) Carbon Tetrachloride	7.777	117	10422	6.387	ug/l #	17
49) 1,4-Dioxane	9.282	88	27	3.247	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	35733	63.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35733	130.115	ug/l #	16

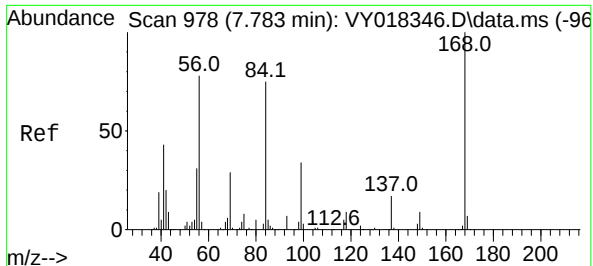
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY052424\
Data File : VY018371.D
Acq On : 24 May 2024 17:52
Operator : SY/MD
Sample : P2615-01
Misc : 5.05g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: May 25 03:26:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
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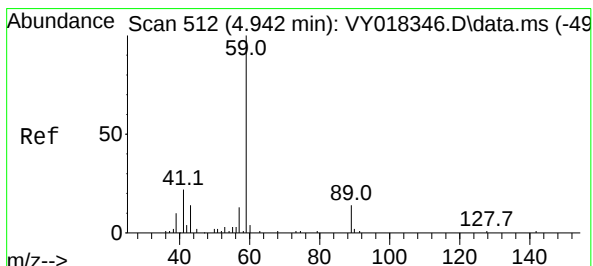
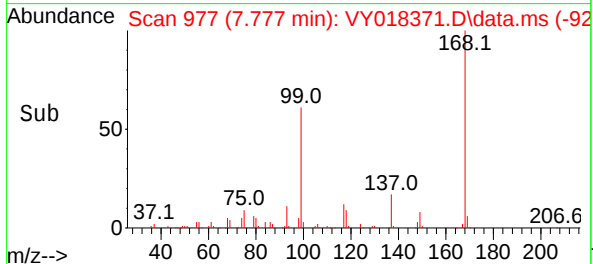
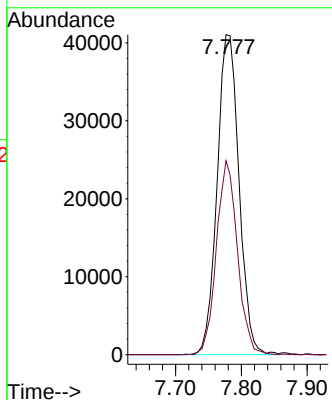
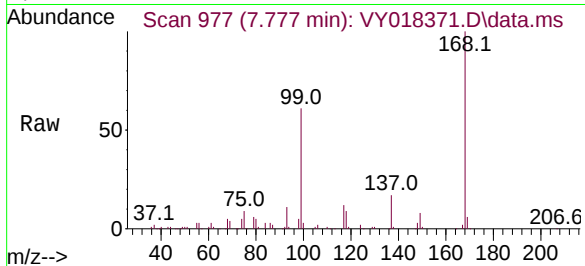




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018371.D
Acq: 24 May 2024 17:52

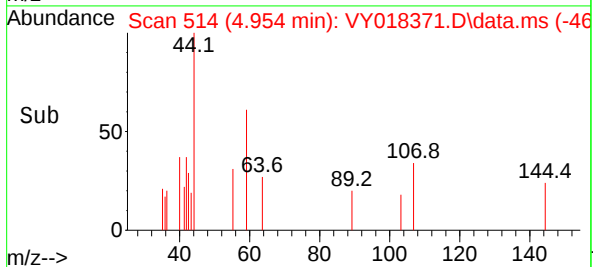
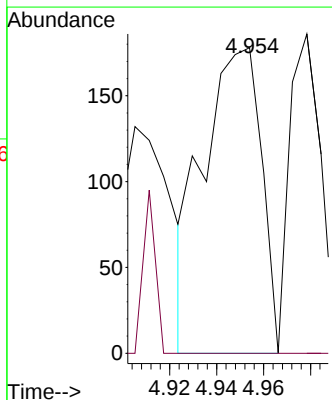
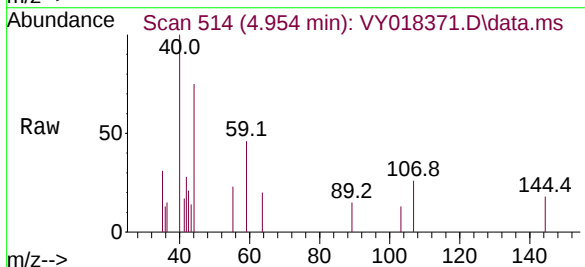
Instrument :
MSVOA_Y
ClientSampleId :

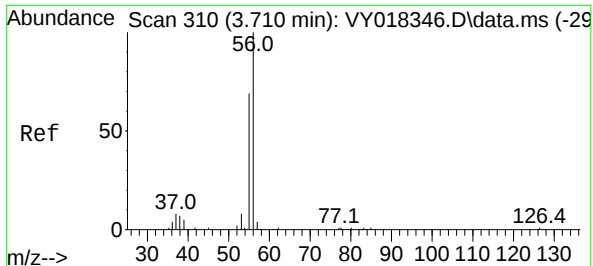
Tgt Ion:168 Resp: 95201
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY018371.D
Acq: 24 May 2024 17:52

Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: Below Cal

RT: 3.698 min Scan# 308

Delta R.T. -0.012 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

Instrument :

MSVOA_Y

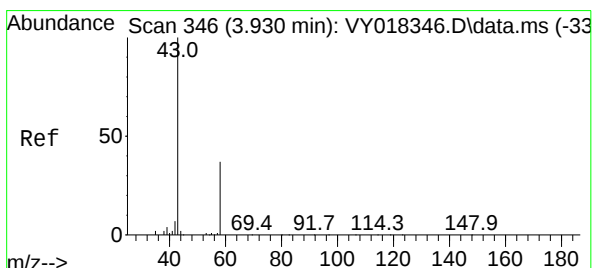
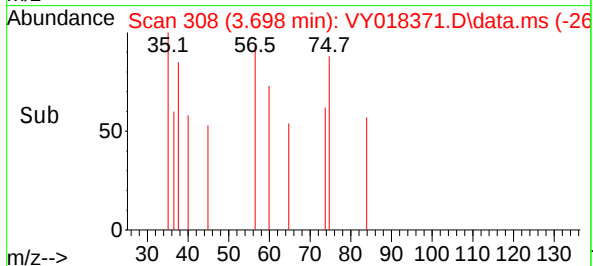
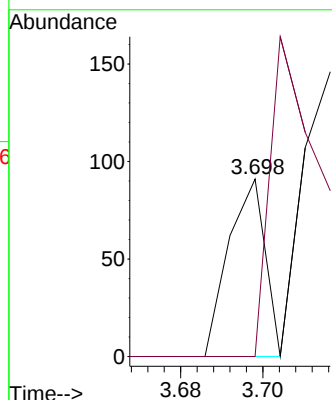
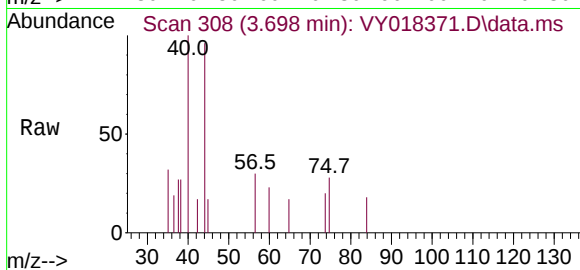
ClientSampleId :

Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 237.5 55.7 83.5#



#16

Acetone

Concen: 8.172 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY018371.D

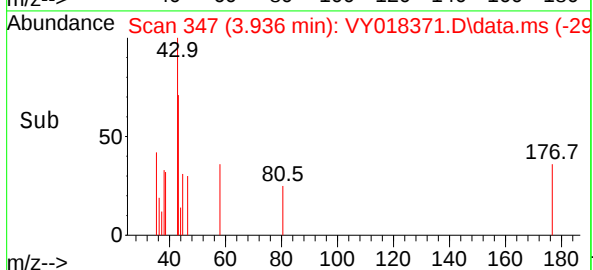
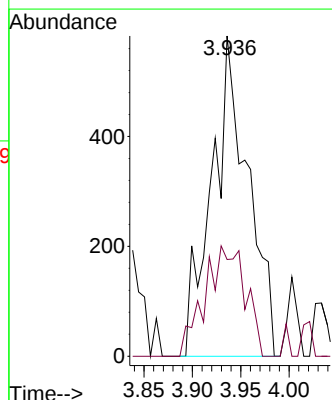
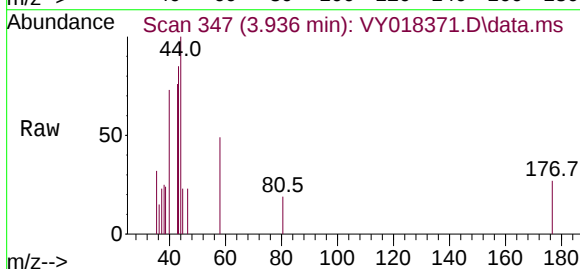
Acq: 24 May 2024 17:52

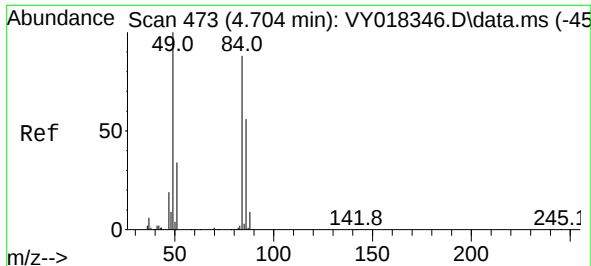
Tgt Ion: 43 Resp: 1516

Ion Ratio Lower Upper

43 100

58 30.2 31.7 47.5#





#20

Methylene Chloride

Concen: 11.088 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.006 min

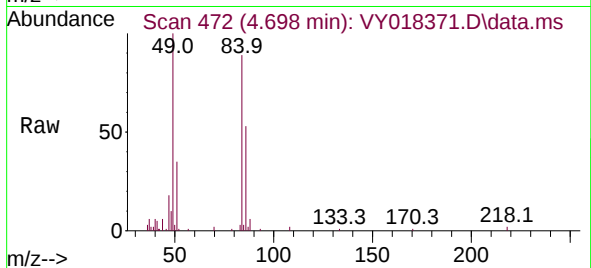
Lab File: VY018371.D

Acq: 24 May 2024 17:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 15867

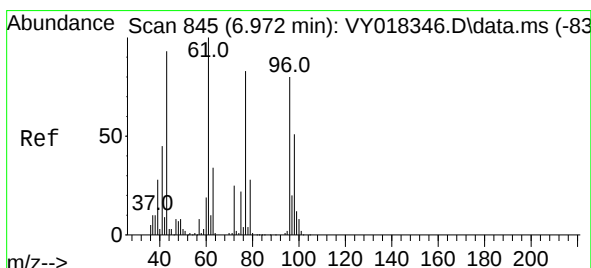
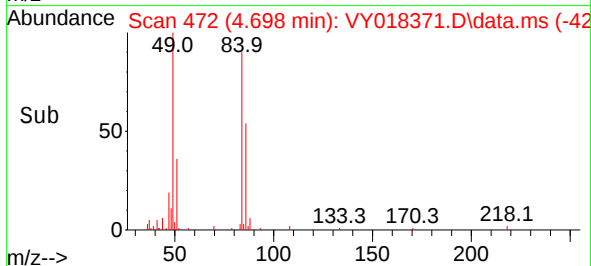
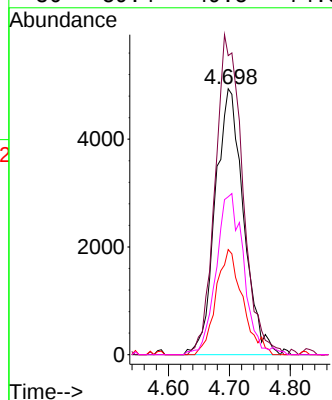
Ion Ratio Lower Upper

84 100

49 112.4 84.4 126.6

51 39.5 26.0 39.0#

86 59.4 49.5 74.3



#25

2-Butanone

Concen: 1.500 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018371.D

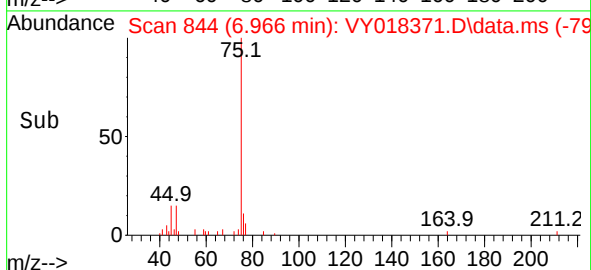
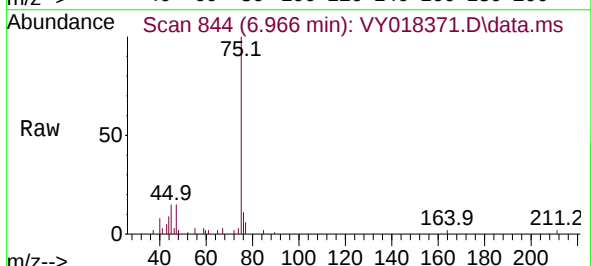
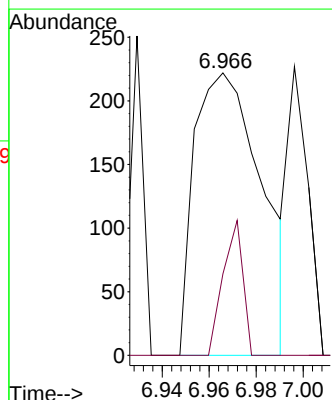
Acq: 24 May 2024 17:52

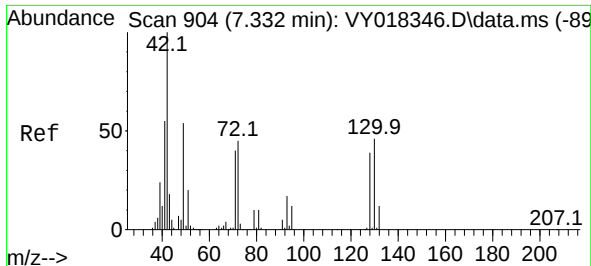
Tgt Ion: 43 Resp: 441

Ion Ratio Lower Upper

43 100

72 28.8 27.3 40.9





#29

Tetrahydrofuran

Concen: 1.990 ug/l

RT: 7.325 min Scan# 904

Delta R.T. -0.006 min

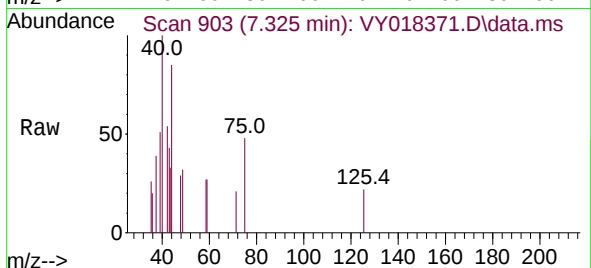
Lab File: VY018371.D

Acq: 24 May 2024 17:52

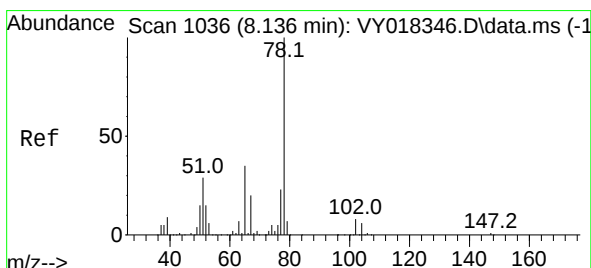
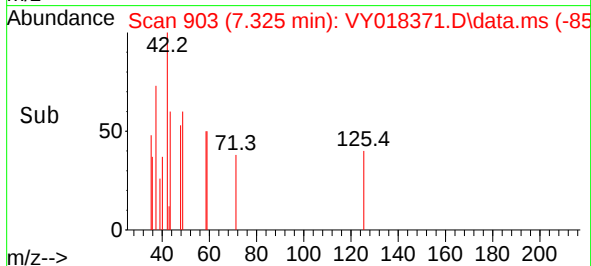
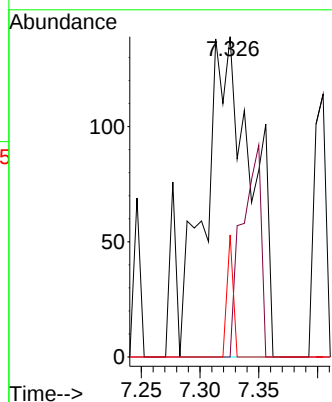
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	385
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	4.9	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 63.679 ug/l

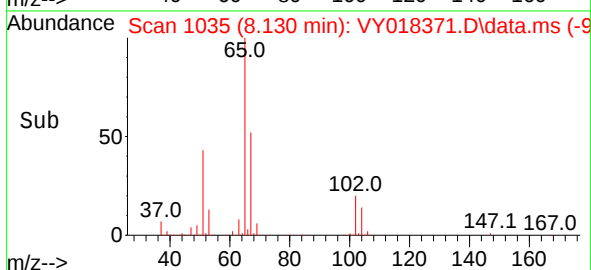
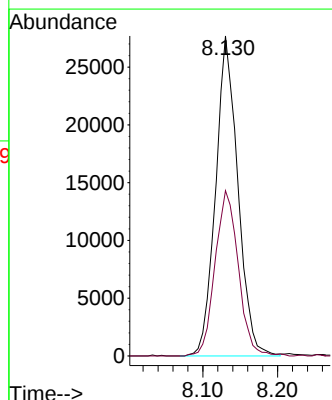
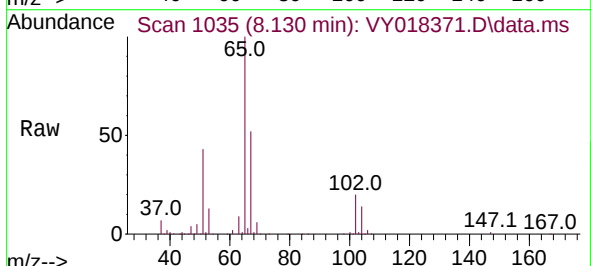
RT: 8.130 min Scan# 1035

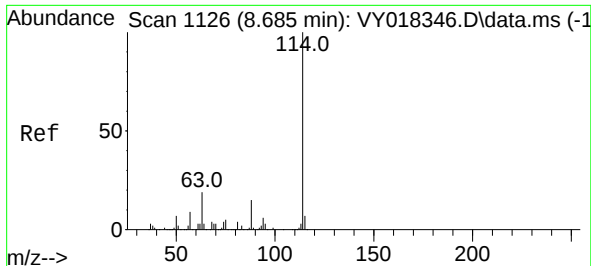
Delta R.T. -0.006 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

Tgt Ion:	65	Resp:	57435
Ion Ratio	Lower	Upper	
65	100		
67	53.9	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

Instrument :

MSVOA_Y

ClientSampleId :

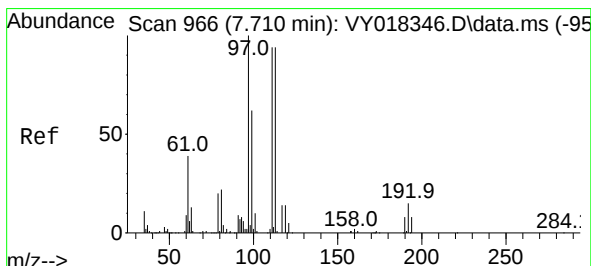
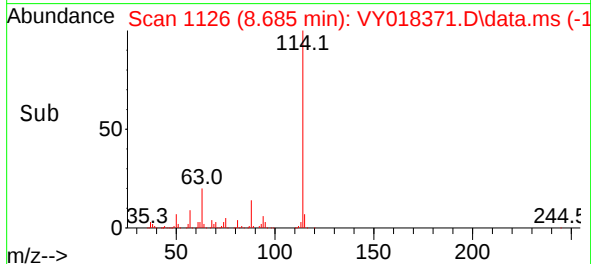
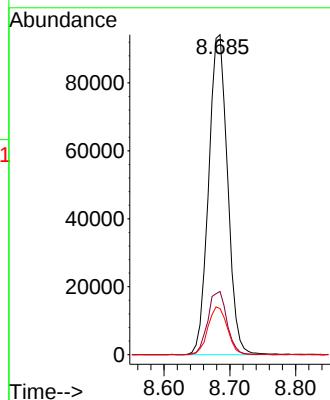
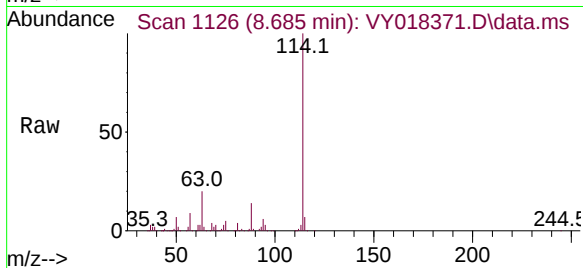
Tgt Ion:114 Resp: 188376

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.219 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

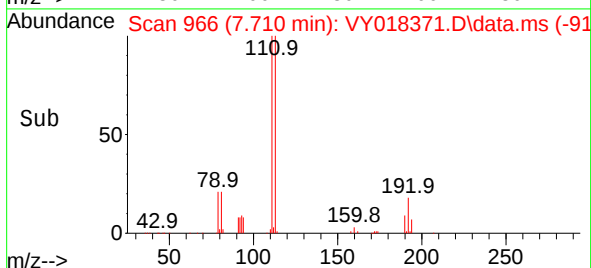
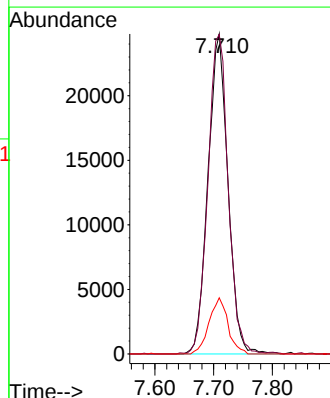
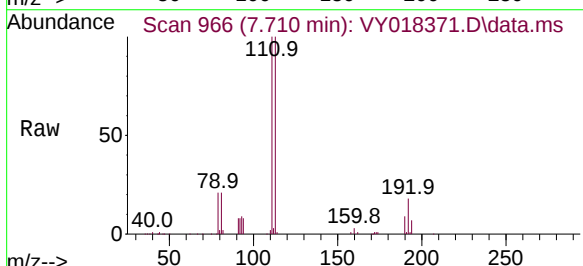
Tgt Ion:113 Resp: 58462

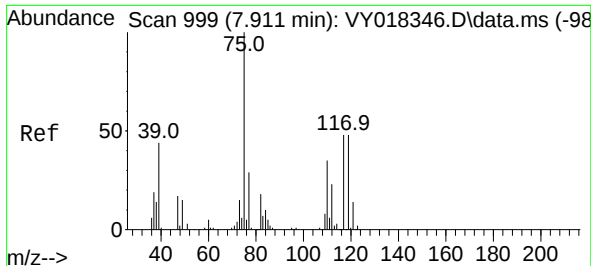
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.504 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

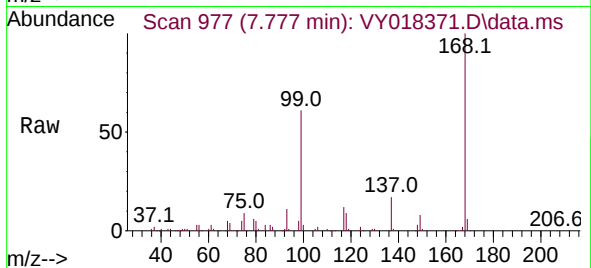
Lab File: VY018371.D

Acq: 24 May 2024 17:52

Instrument :

MSVOA_Y

ClientSampleId :



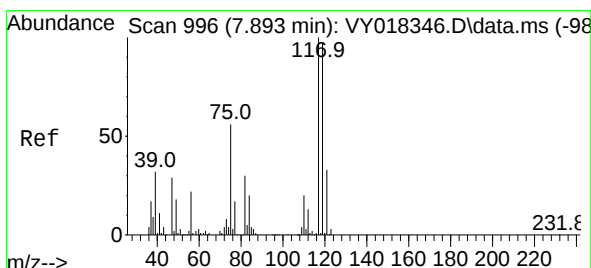
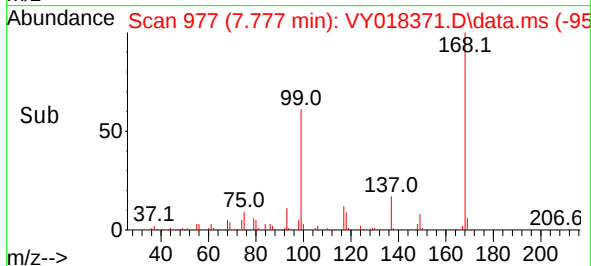
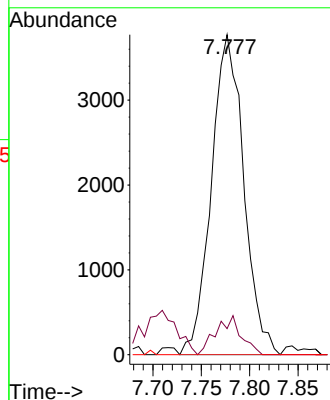
Tgt Ion: 75 Resp: 8769

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.387 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

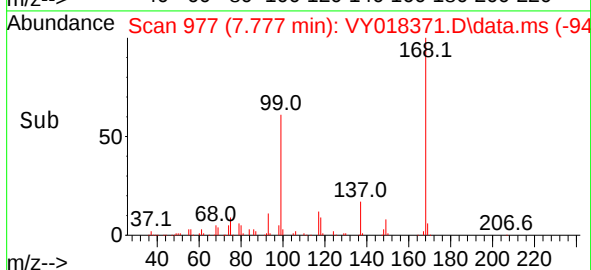
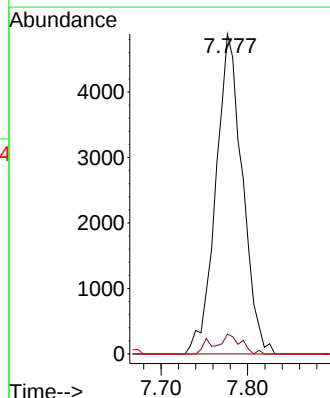
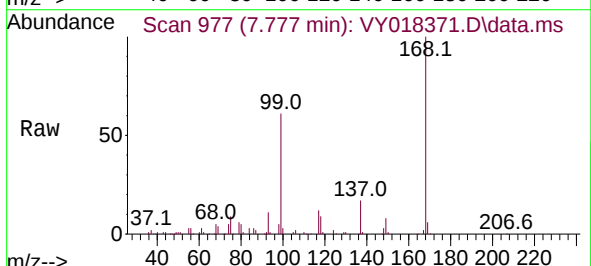
Tgt Ion: 117 Resp: 10422

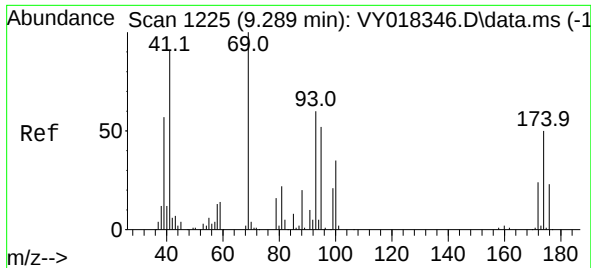
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

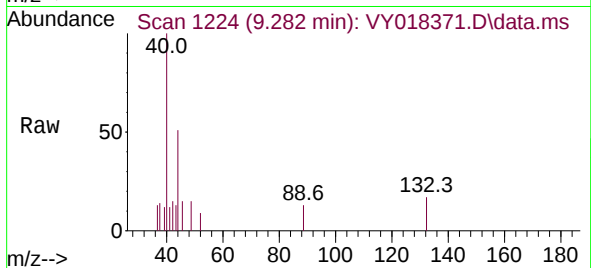
121 0.0 24.0 36.0#



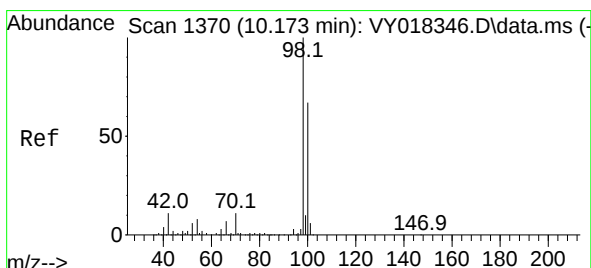
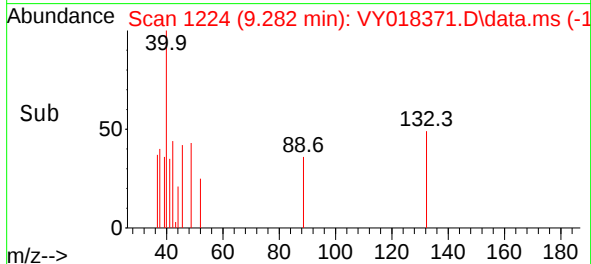
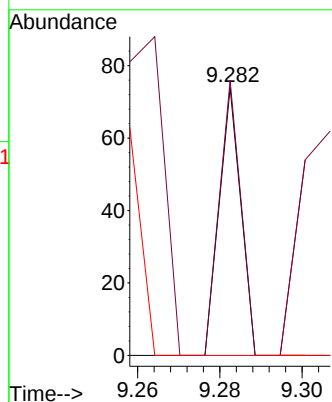


#49
1,4-Dioxane
Concen: 3.247 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018371.D
Acq: 24 May 2024 17:52

Instrument :
MSVOA_Y
ClientSampleId :

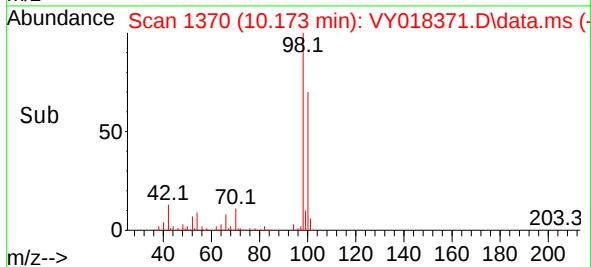
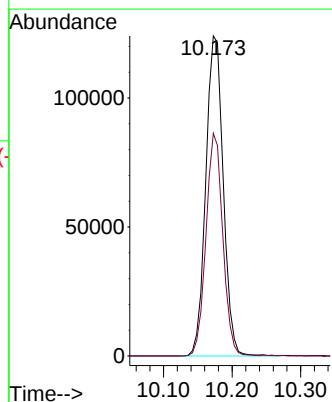
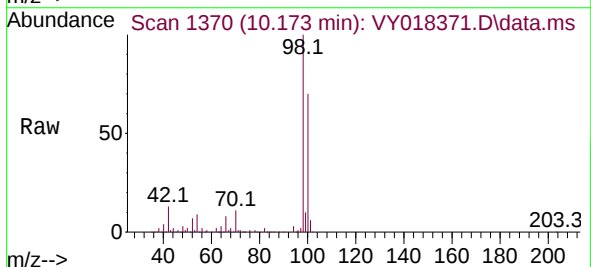


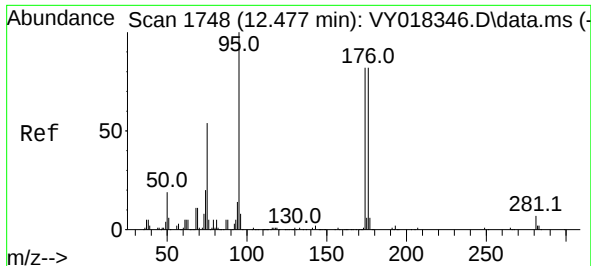
Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 103.7 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 51.357 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018371.D
Acq: 24 May 2024 17:52

Tgt Ion: 98 Resp: 219958
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.175 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

Instrument :

MSVOA_Y

ClientSampleId :

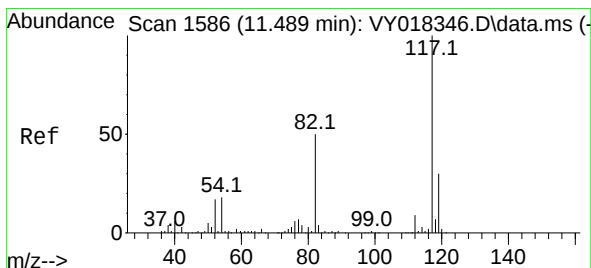
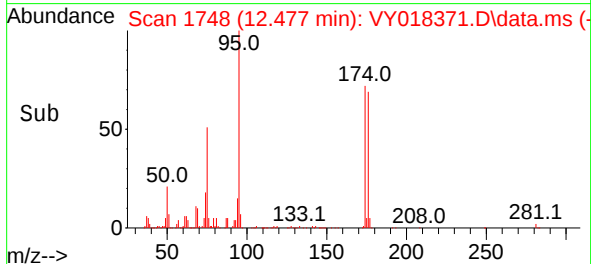
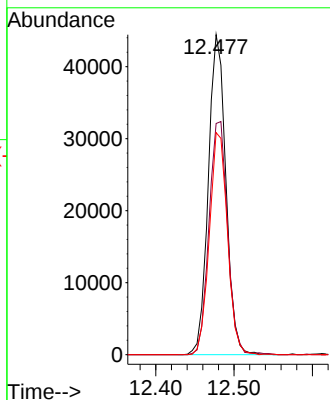
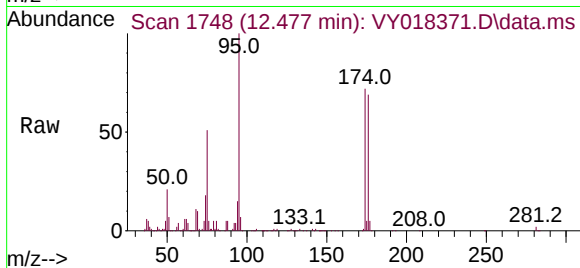
Tgt Ion: 95 Resp: 69048

Ion Ratio Lower Upper

95 100

174 77.2 0.0 175.6

176 71.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

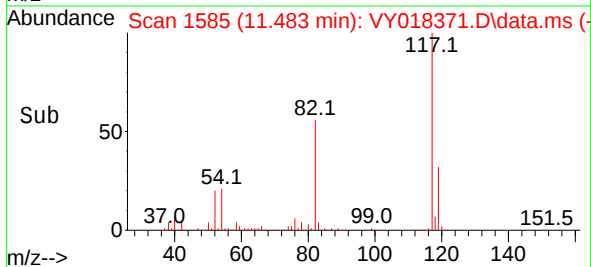
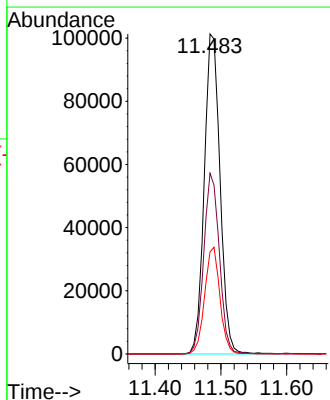
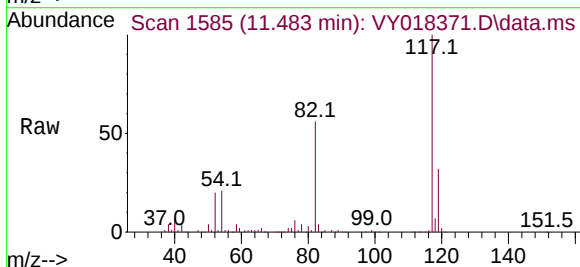
Tgt Ion: 117 Resp: 169556

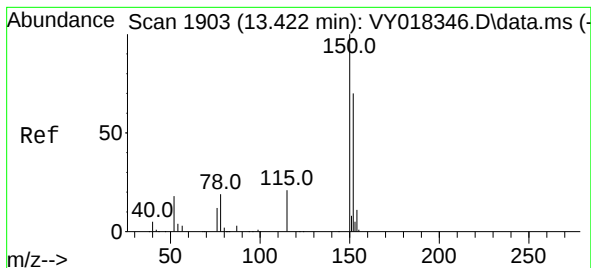
Ion Ratio Lower Upper

117 100

82 56.4 42.4 63.6

119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018371.D

Acq: 24 May 2024 17:52

Instrument :

MSVOA_Y

ClientSampleId :

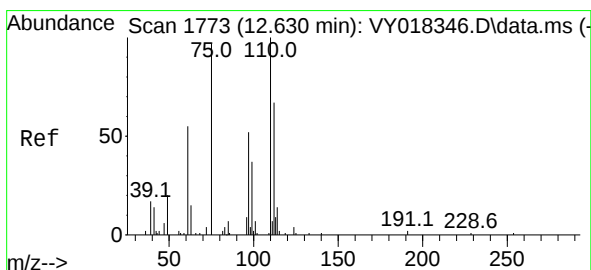
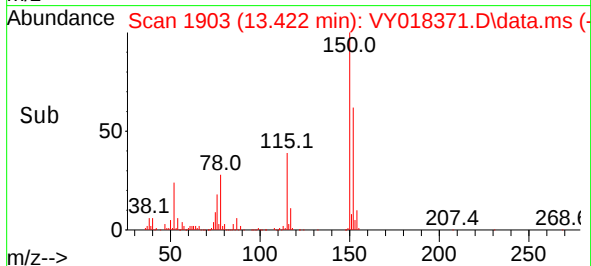
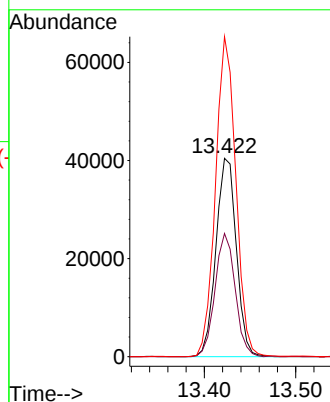
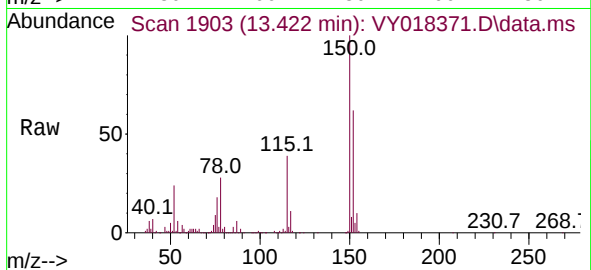
Tgt Ion:152 Resp: 62868

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 160.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.239 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018371.D

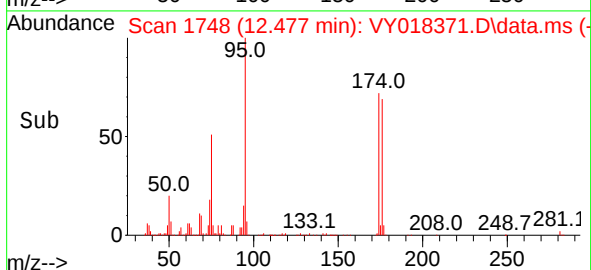
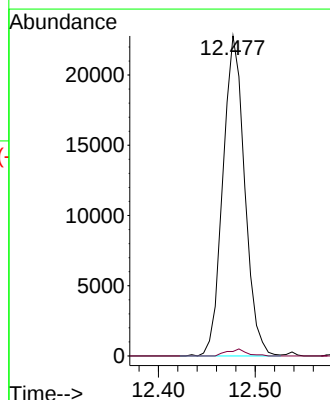
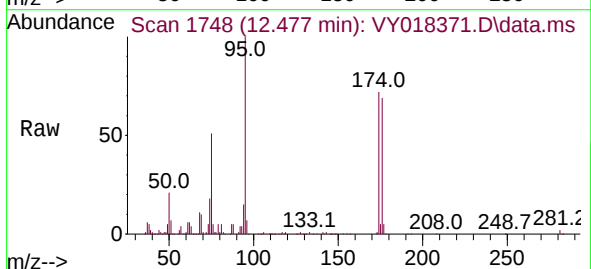
Acq: 24 May 2024 17:52

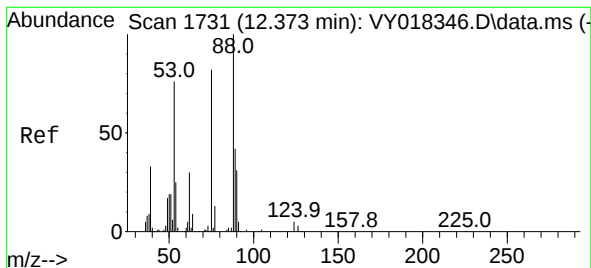
Tgt Ion: 75 Resp: 35733

Ion Ratio Lower Upper

75 100

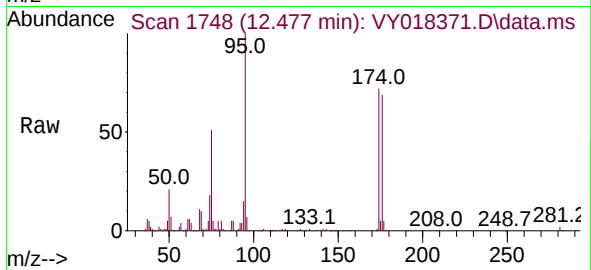
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.115 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018371.D
 Acq: 24 May 2024 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35733
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.1 35.8 53.6#

