

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018364.D
 Acq On : 24 May 2024 14:19
 Operator : SY/MD
 Sample : VY0524SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:23:31 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)

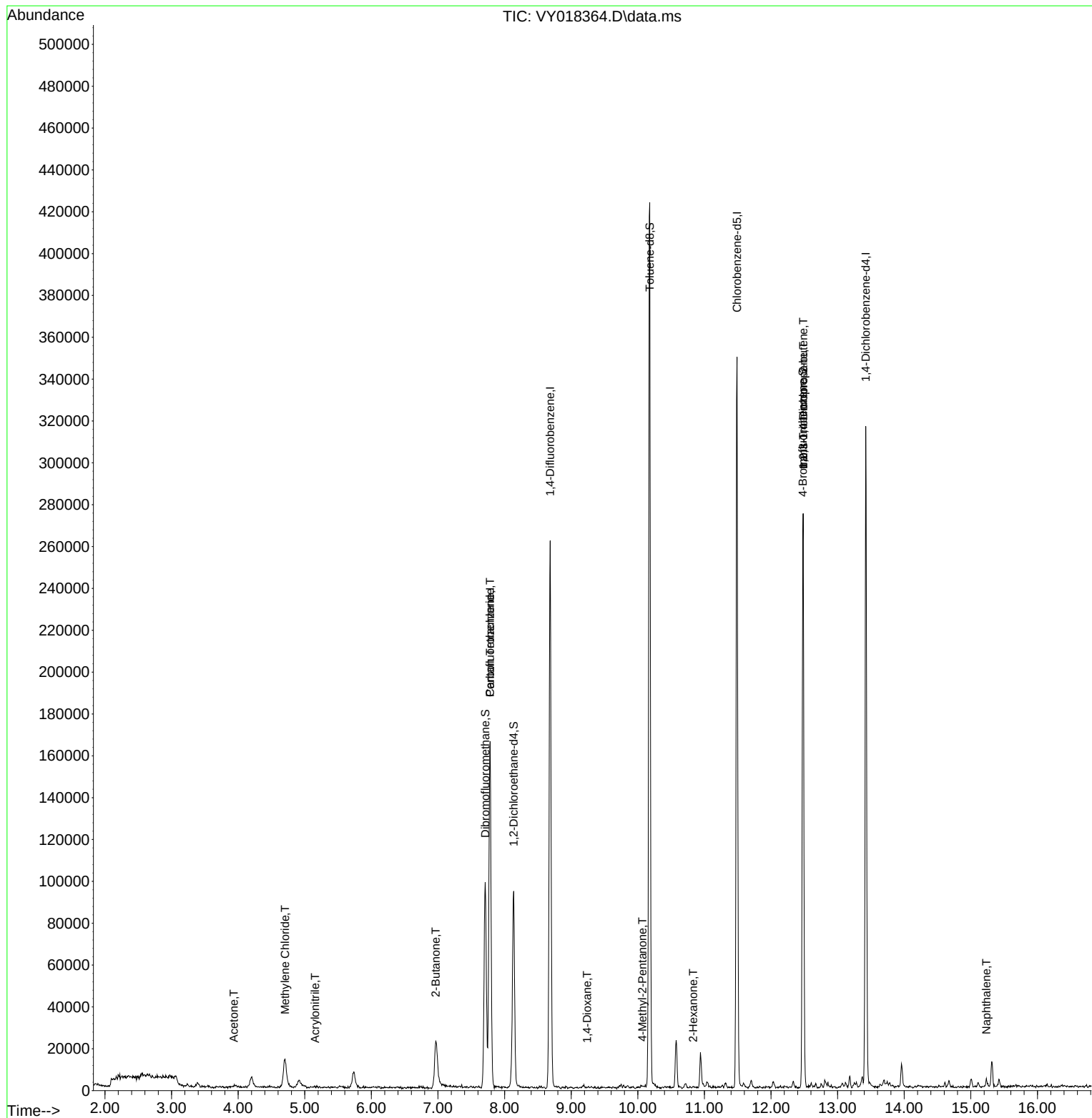
Internal Standards						
1) Pentafluorobenzene	7.783	168	122232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66869	57.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.480%	
35) Dibromofluoromethane	7.710	113	70941	54.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.179	98	277765	54.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.477	95	82364	52.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	3613	Below Cal	#	90
13) Acrolein	3.686	56	62	Below Cal	#	69
15) Acrylonitrile	5.155	53	501	1.704	ug/l	96
16) Acetone	3.936	43	1973	8.284	ug/l	94
20) Methylene Chloride	4.704	84	10261	2.925	ug/l #	82
25) 2-Butanone	6.966	43	1021	2.705	ug/l #	76
31) Cyclohexane	7.783	56	3338	Below Cal	#	40
38) Carbon Tetrachloride	7.783	117	12657	6.569	ug/l #	16
49) 1,4-Dioxane	9.240	88	29	2.953	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	913	1.030	ug/l #	65
59) 2-Hexanone	10.831	43	658	1.079	ug/l	64
76) 1,2,3-Trichloropropane	12.483	75	43314	63.956	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43314	131.589	ug/l #	16
95) Naphthalene	15.233	128	2537	1.022	ug/l #	95

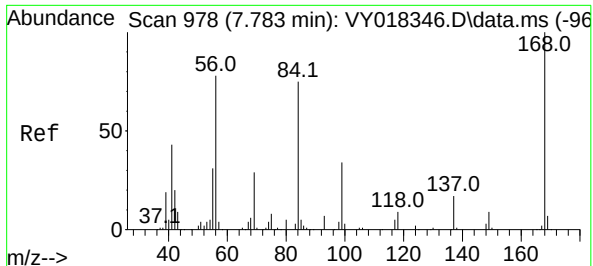
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY052424\
Data File : VY018364.D
Acq On : 24 May 2024 14:19
Operator : SY/MD
Sample : VY0524SBL01
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

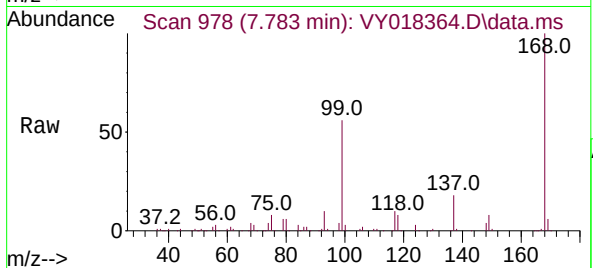
Quant Time: May 25 03:23:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



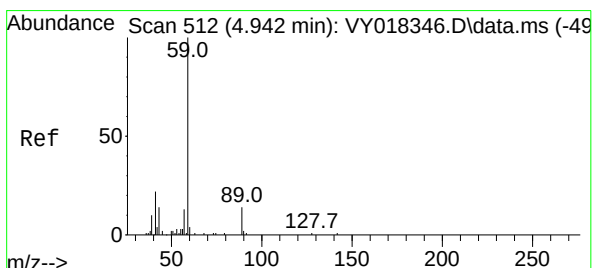
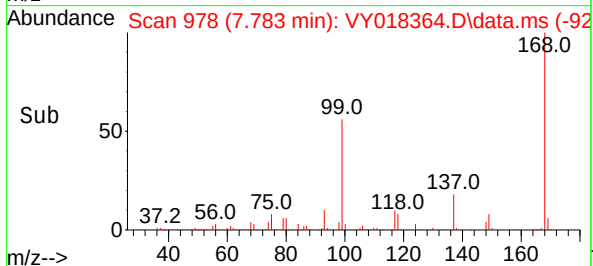
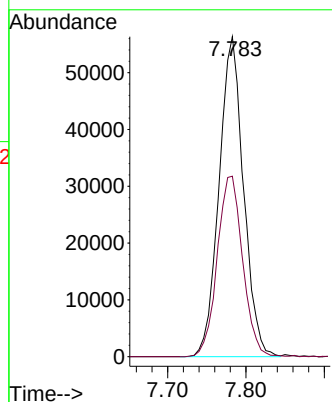


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

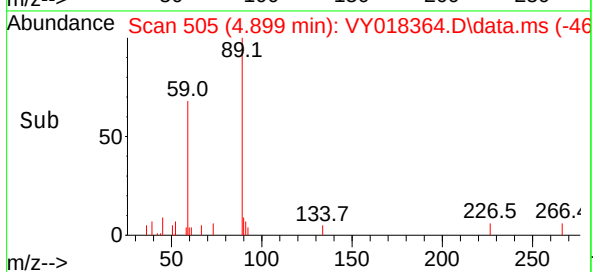
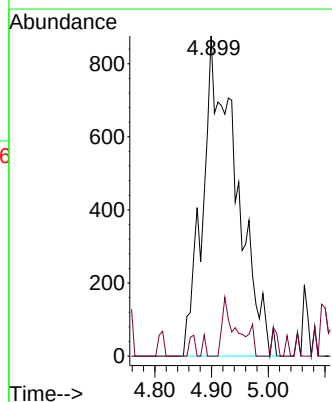
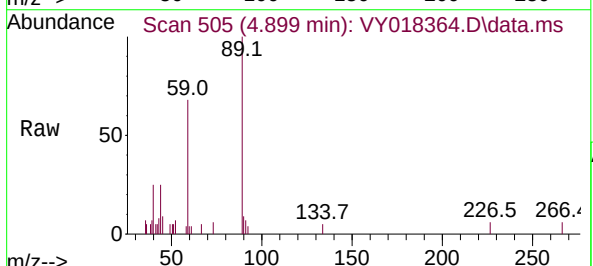


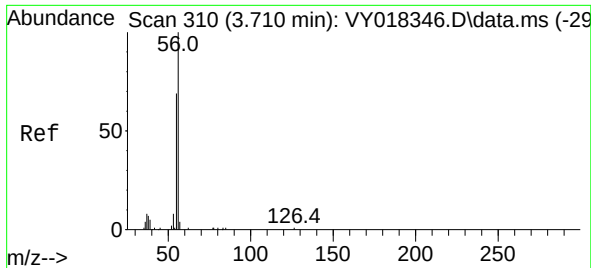
Tgt Ion:168 Resp: 122232
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.899 min Scan# 505
Delta R.T. -0.043 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Tgt Ion: 59 Resp: 3613
Ion Ratio Lower Upper
59 100
57 0.6 3.0 4.6#

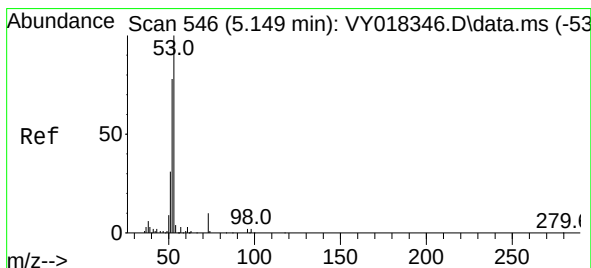
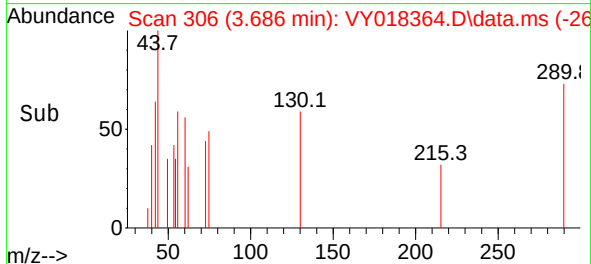
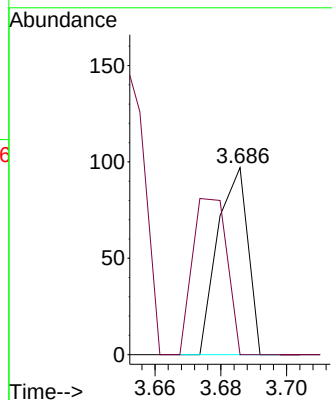
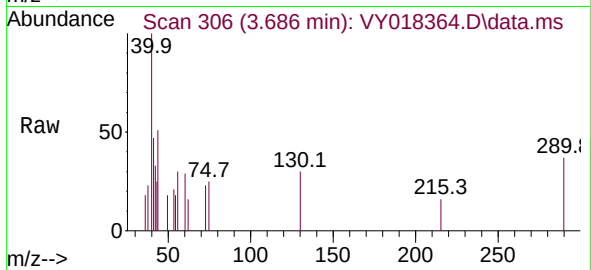




#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.024 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

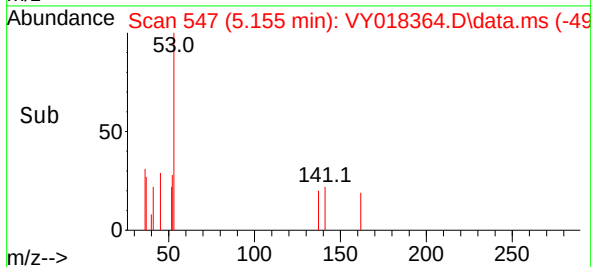
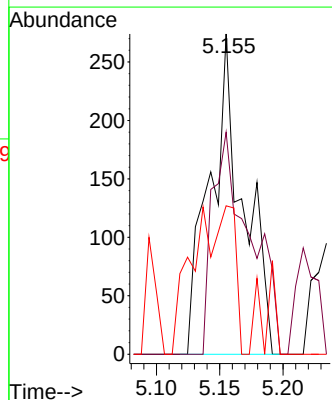
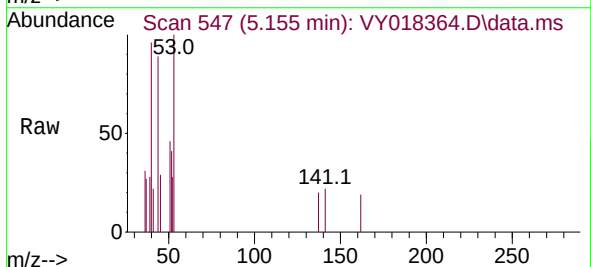
Instrument :
MSVOA_Y
ClientSampleId :

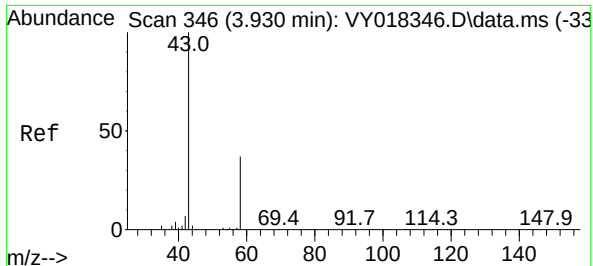
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 95.2 55.7 83.5#



#15
Acrylonitrile
Concen: 1.704 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Tgt Ion: 53 Resp: 501
Ion Ratio Lower Upper
53 100
52 78.4 64.7 97.1
51 31.5 28.4 42.6





#16

Acetone

Concen: 8.284 ug/l

RT: 3.936 min Scan# 346

Delta R.T. 0.006 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

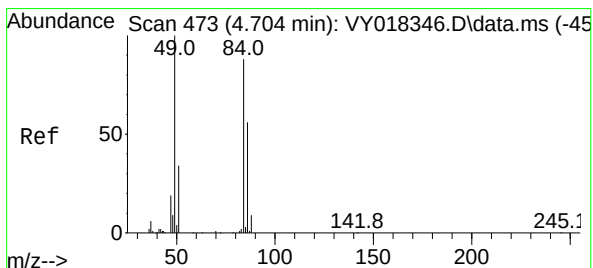
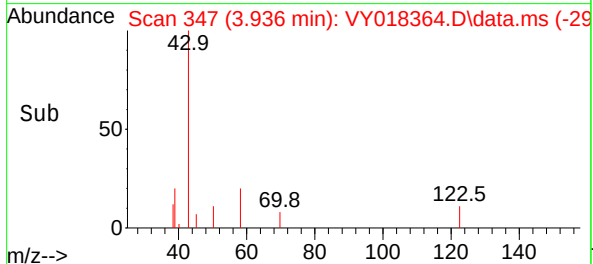
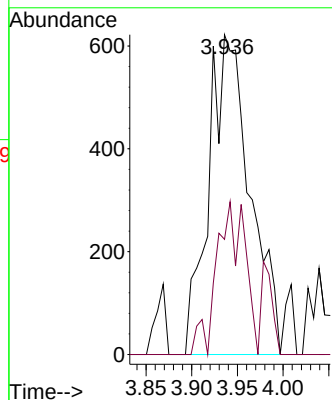
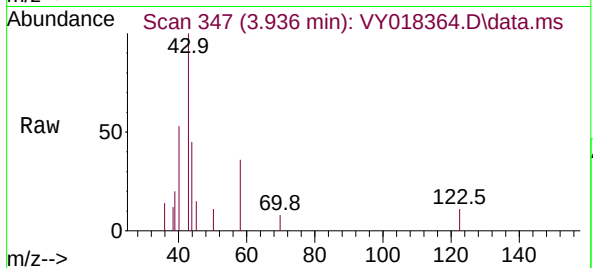
ClientSampleId :

Tgt Ion: 43 Resp: 1973

Ion Ratio Lower Upper

43 100

58 36.0 31.7 47.5



#20

Methylene Chloride

Concen: 2.925 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Tgt Ion: 84 Resp: 10261

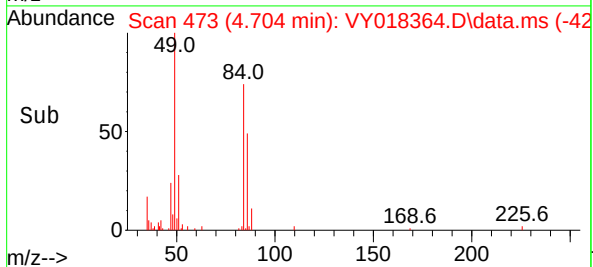
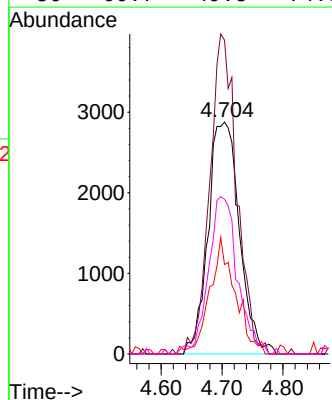
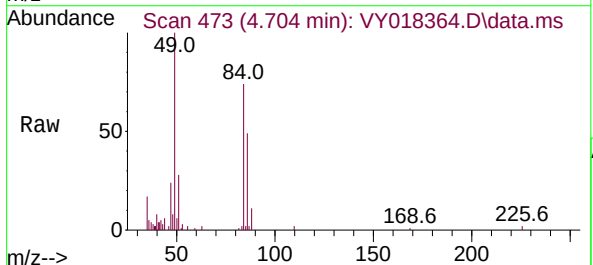
Ion Ratio Lower Upper

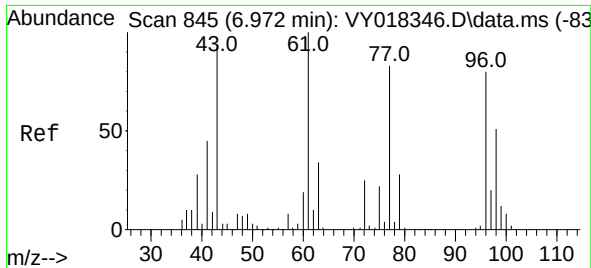
84 100

49 135.4 84.4 126.6#

51 35.3 26.0 39.0

86 66.7 49.5 74.3





#25

2-Butanone

Concen: 2.705 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

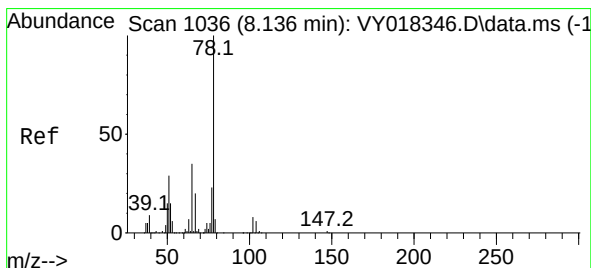
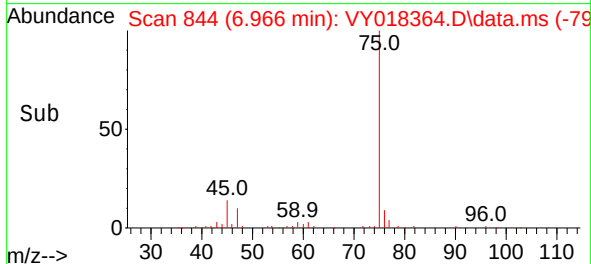
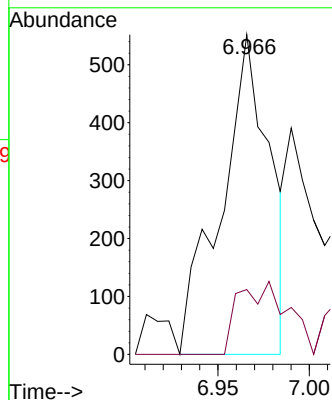
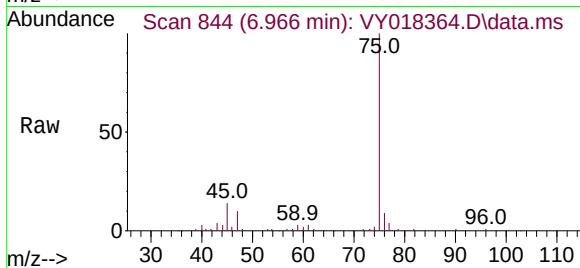
ClientSampleId :

Tgt Ion: 43 Resp: 1021

Ion Ratio Lower Upper

43 100

72 20.3 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 57.743 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018364.D

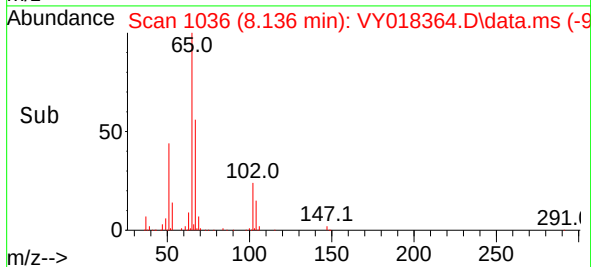
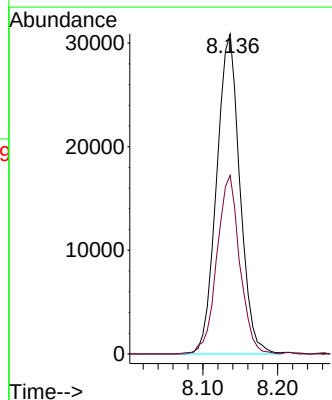
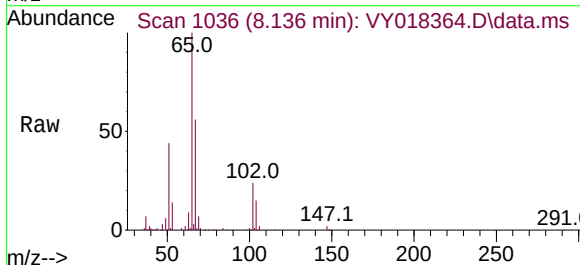
Acq: 24 May 2024 14:19

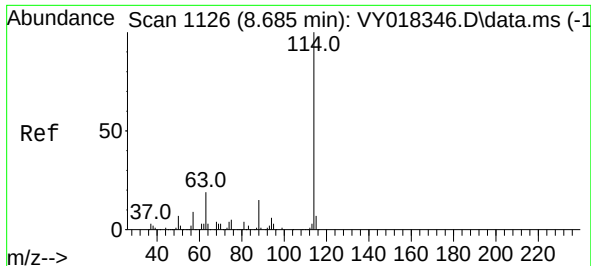
Tgt Ion: 65 Resp: 66869

Ion Ratio Lower Upper

65 100

67 54.9 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: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

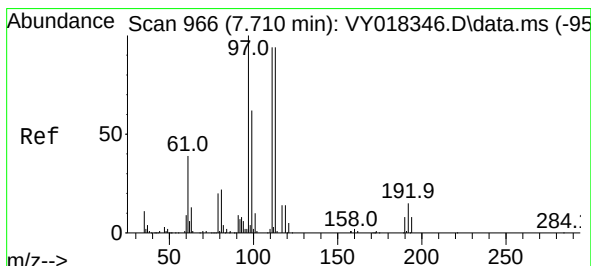
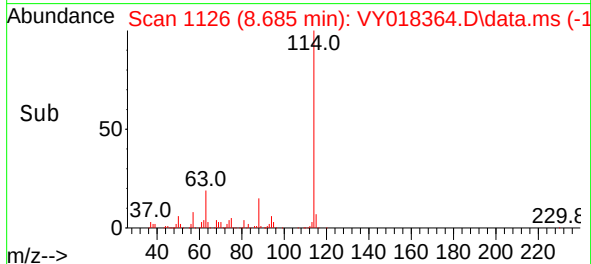
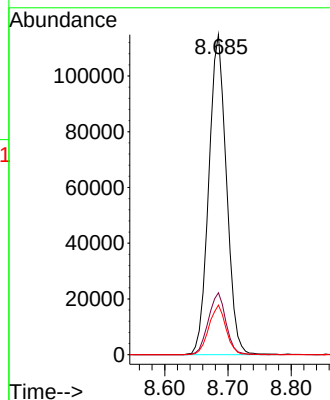
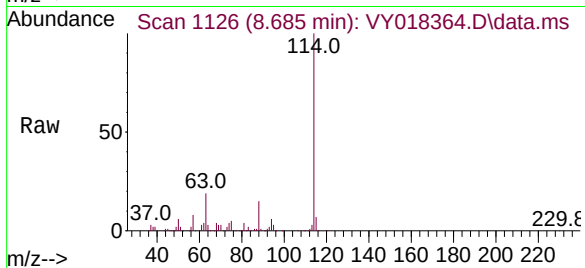
Tgt Ion:114 Resp: 222456

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.685 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

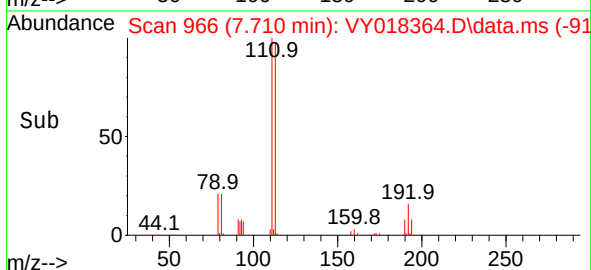
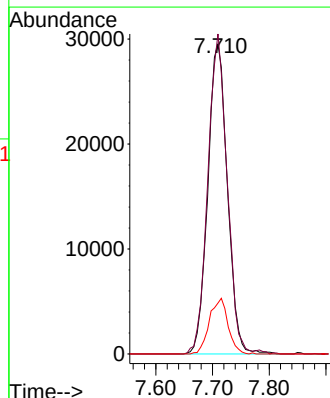
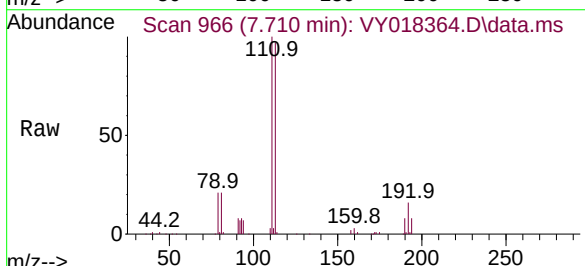
Tgt Ion:113 Resp: 70941

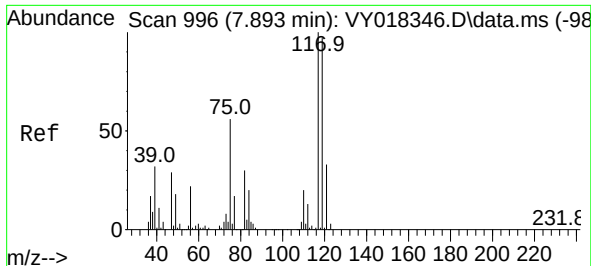
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

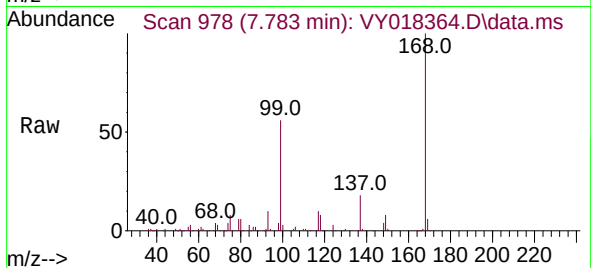
192 17.0 15.9 23.9



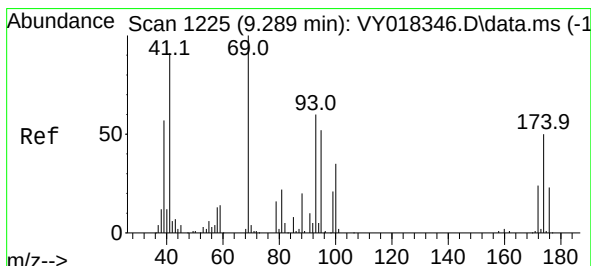
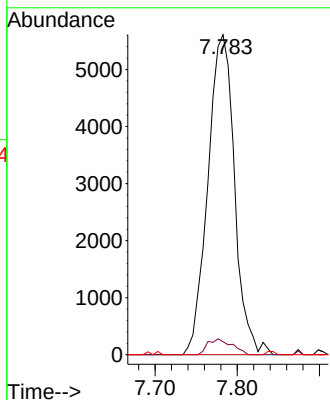
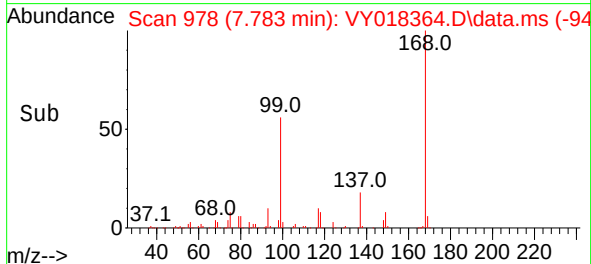


#38
Carbon Tetrachloride
Concen: 6.569 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

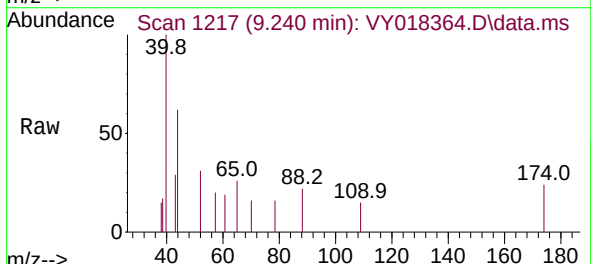
Instrument :
MSVOA_Y
ClientSampleId :



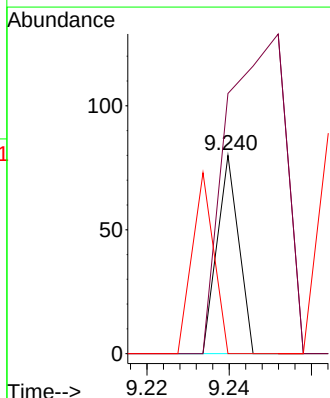
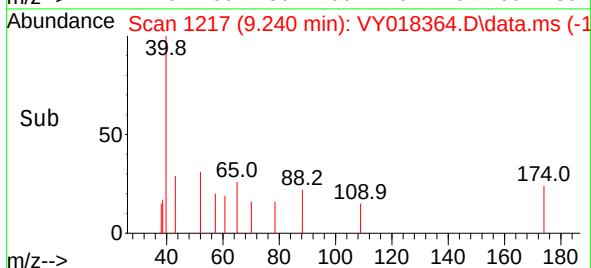
Tgt Ion:117 Resp: 12657
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#

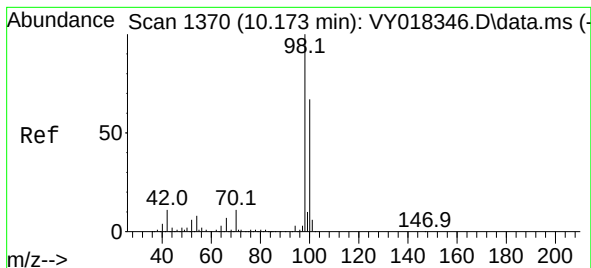


#49
1,4-Dioxane
Concen: 2.953 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19



Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 441.4 0.0 0.0#
58 93.1 49.3 73.9#





#50

Toluene-d8

Concen: 54.919 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

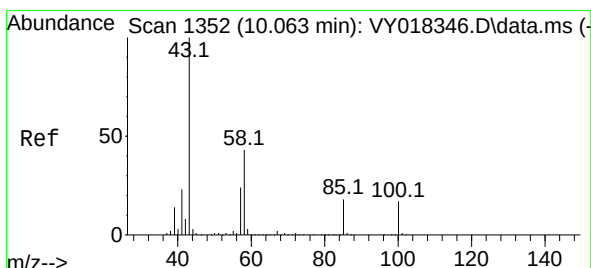
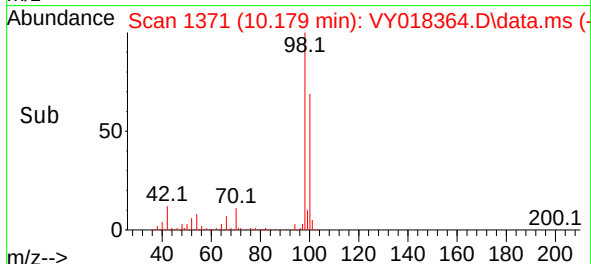
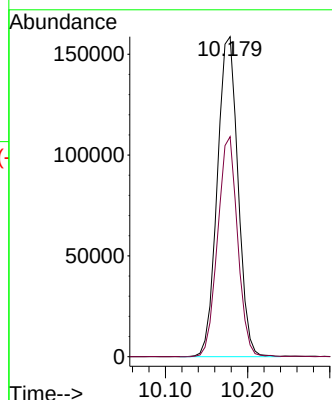
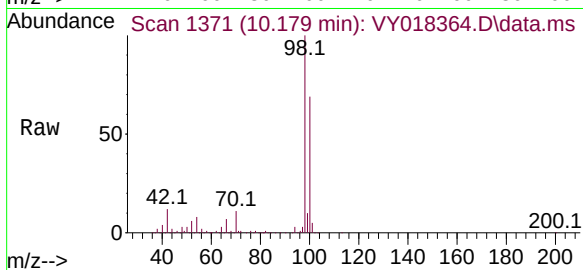
ClientSampleId :

Tgt Ion: 98 Resp: 277765

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.030 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY018364.D

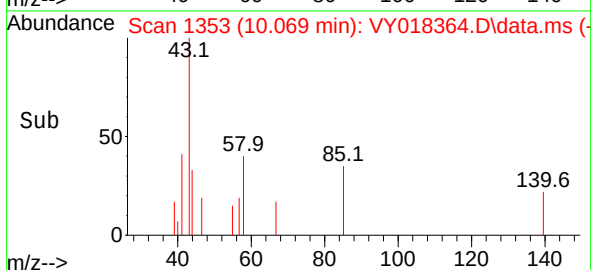
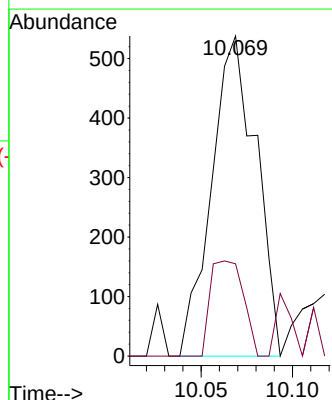
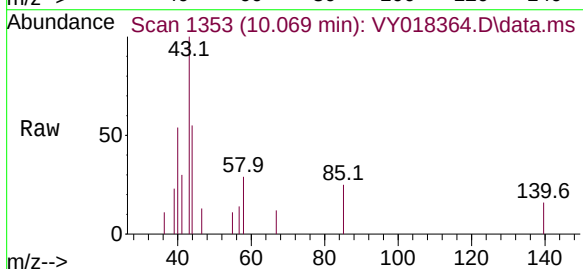
Acq: 24 May 2024 14:19

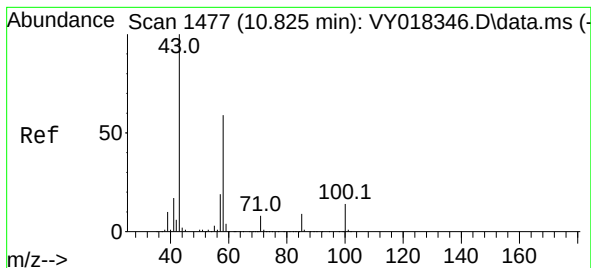
Tgt Ion: 43 Resp: 913

Ion Ratio Lower Upper

43 100

58 22.1 35.7 53.5#

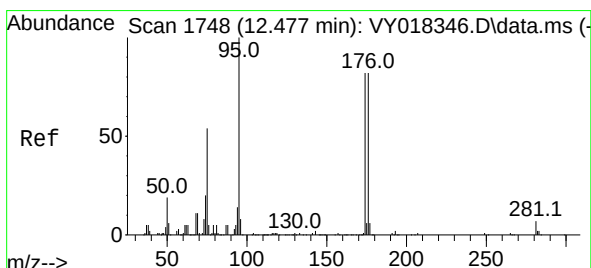
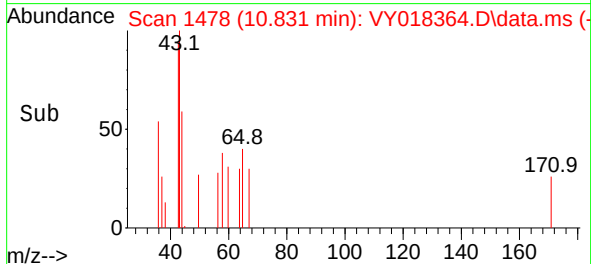
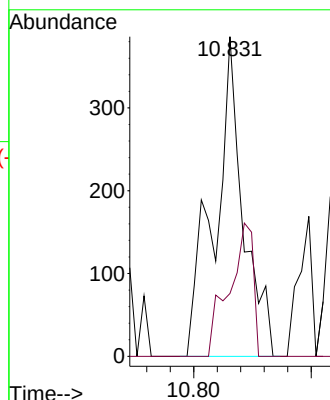
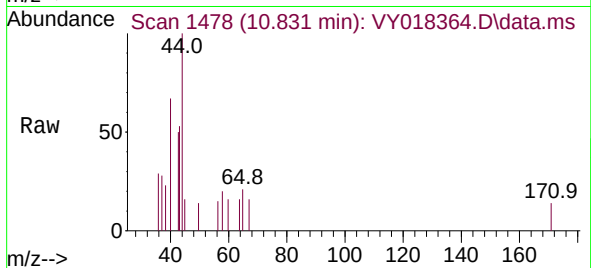




#59
2-Hexanone
Concen: 1.079 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

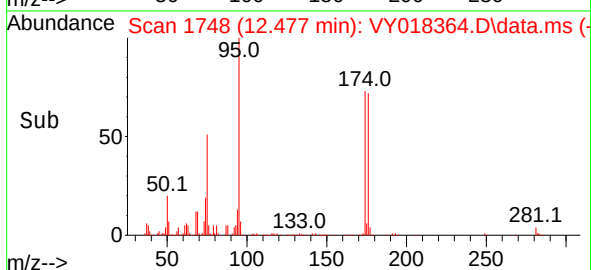
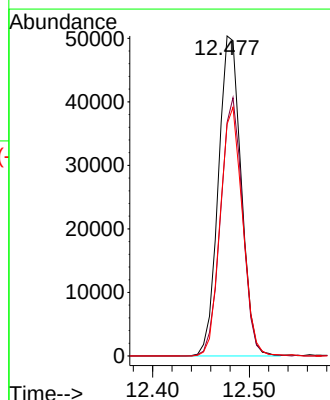
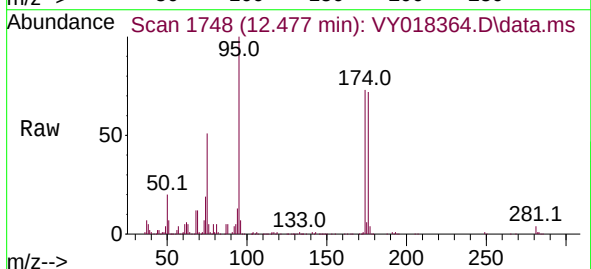
Instrument :
MSVOA_Y
ClientSampleId :

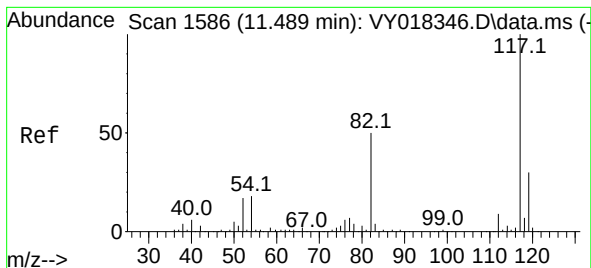
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 35.0 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 52.703 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Tgt Ion: 95 Resp: 82364
Ion Ratio Lower Upper
95 100
174 77.3 0.0 175.6
176 76.2 0.0 171.4

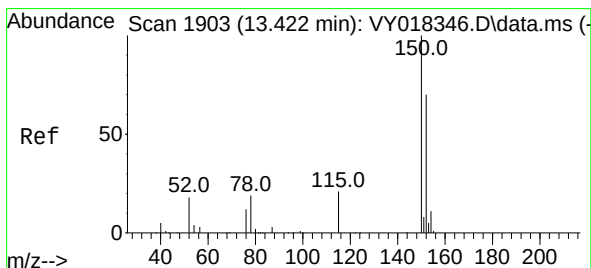
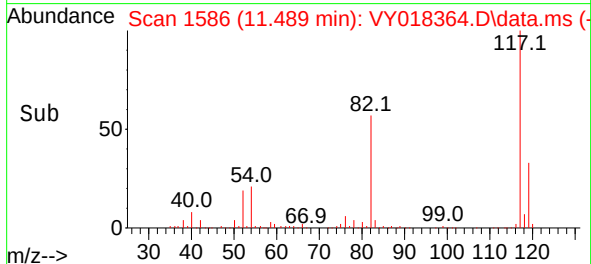
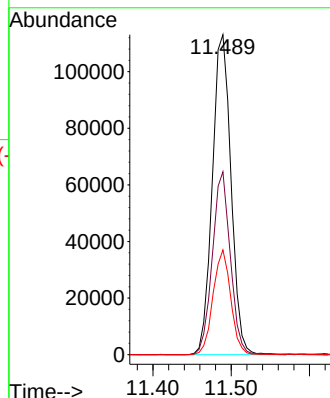
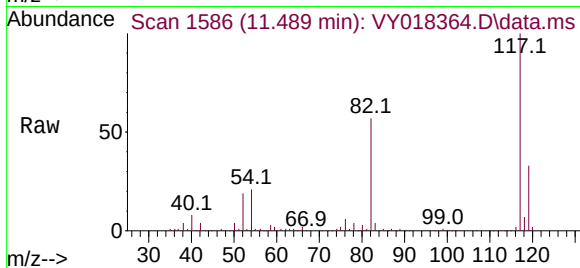




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

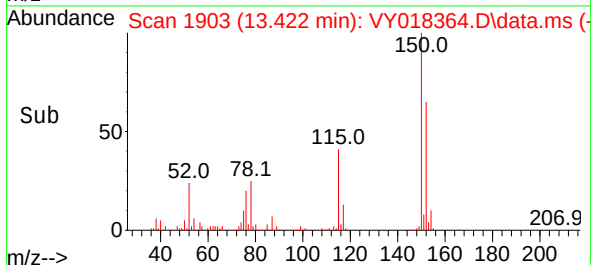
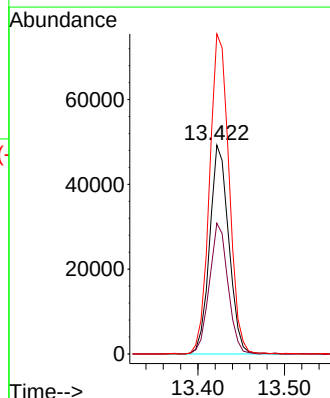
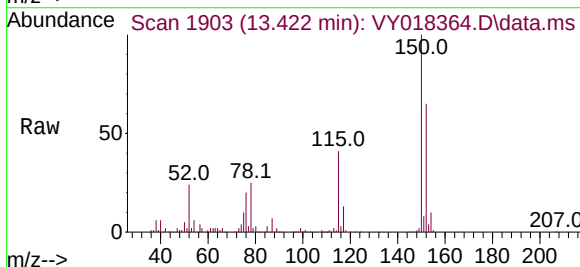
Instrument :
MSVOA_Y
ClientSampleId :

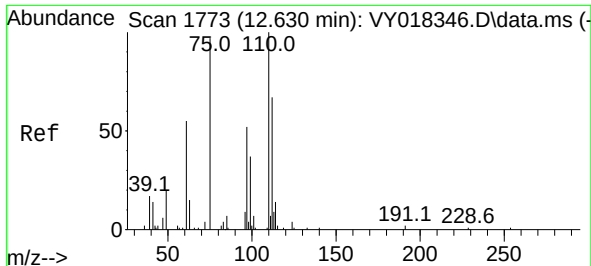
Tgt Ion:117 Resp: 187327
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Tgt Ion:152 Resp: 75352
Ion Ratio Lower Upper
152 100
115 60.9 28.2 84.7
150 156.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 63.956 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

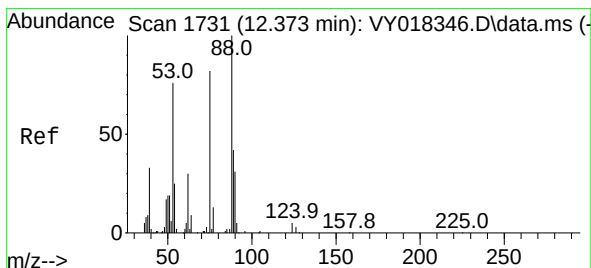
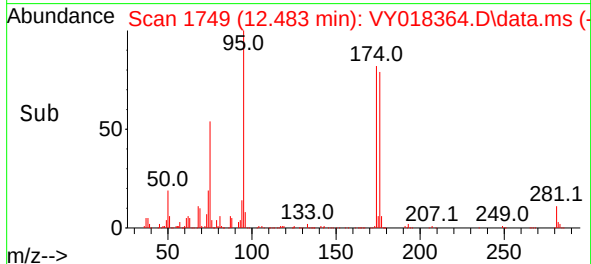
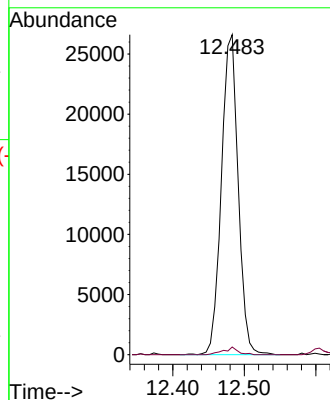
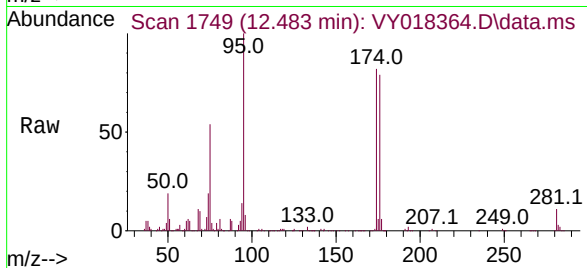
ClientSampleId :

Tgt Ion: 75 Resp: 43314

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.589 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.110 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

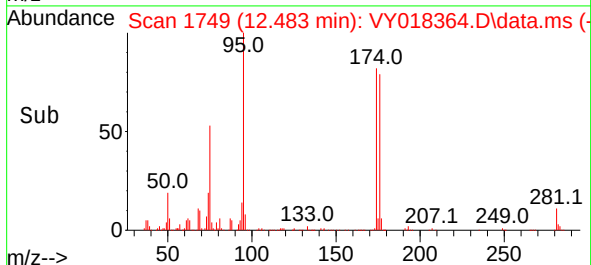
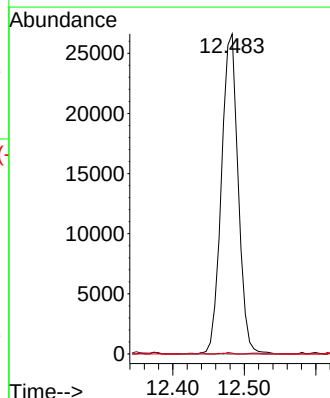
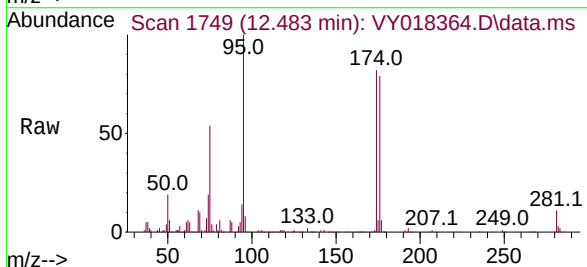
Tgt Ion: 75 Resp: 43314

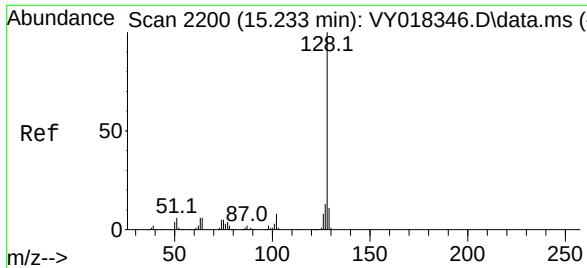
Ion Ratio Lower Upper

75 100

53 0.2 66.8 100.2#

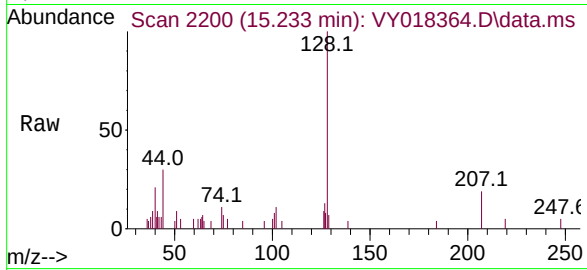
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 1.022 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 2537
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 7.1 8.6 13.0#

