

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018266.D
 Acq On : 15 May 2024 10:44
 Operator : SY/MD
 Sample : VY0515SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01

Quant Time: May 16 03:04:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

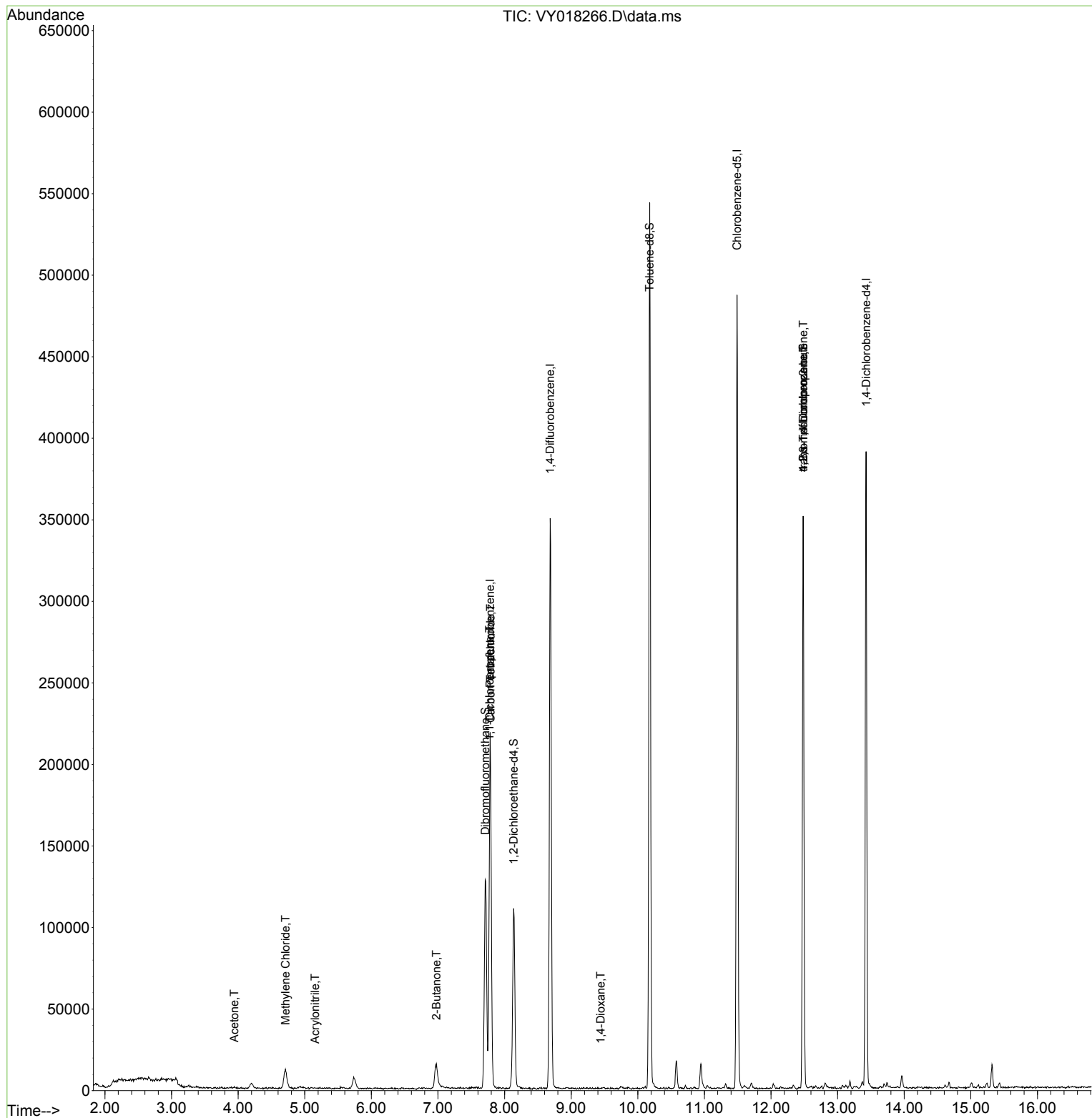
Internal Standards						
1) Pentafluorobenzene	7.783	168	171606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80183	63.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.020%			
35) Dibromofluoromethane	7.710	113	92457	55.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.300%			
50) Toluene-d8	10.179	98	362754	55.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.820%			
62) 4-Bromofluorobenzene	12.483	95	103801	49.099	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.200%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1206	Below Cal	#	97
13) Acrolein	3.735	56	233	Below Cal	#	52
15) Acrylonitrile	5.155	53	335	1.023	ug/l #	33
16) Acetone	3.942	43	1090	4.327	ug/l #	71
20) Methylene Chloride	4.710	84	9449	5.306	ug/l	92
25) 2-Butanone	6.978	43	993	2.466	ug/l #	41
31) Cyclohexane	7.783	56	3685	Below Cal	#	1
36) 1,1-Dichloropropene	7.777	75	12926	5.428	ug/l #	49
38) Carbon Tetrachloride	7.789	117	16365	6.289	ug/l #	17
49) 1,4-Dioxane	9.441	88	20	1.565	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	53140	66.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53140	127.745	ug/l #	16

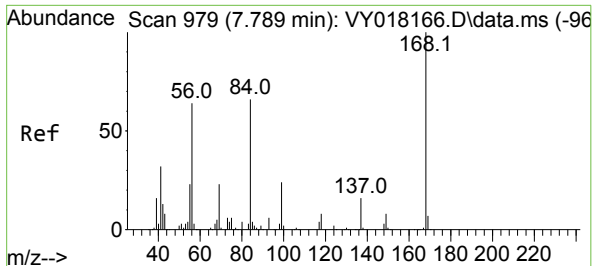
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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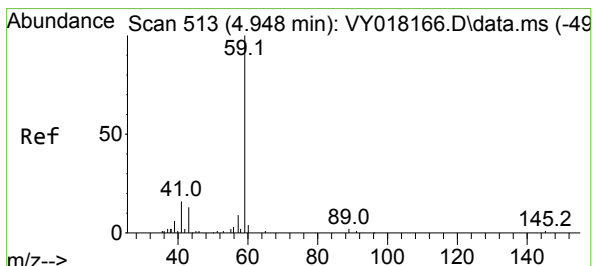
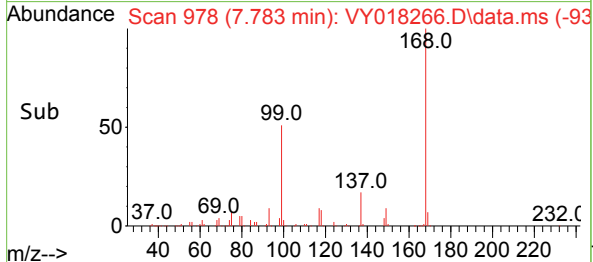
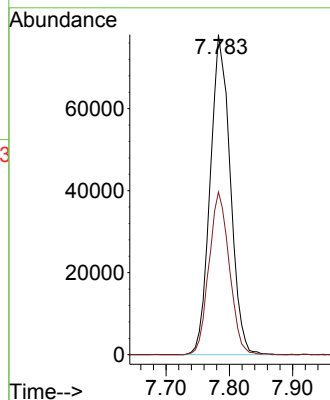
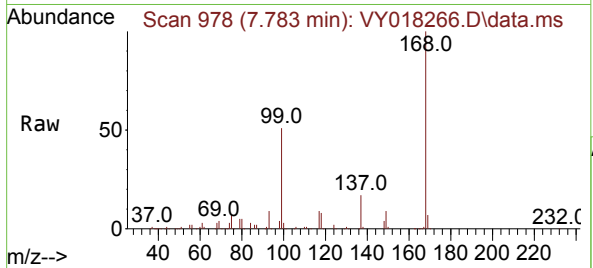




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

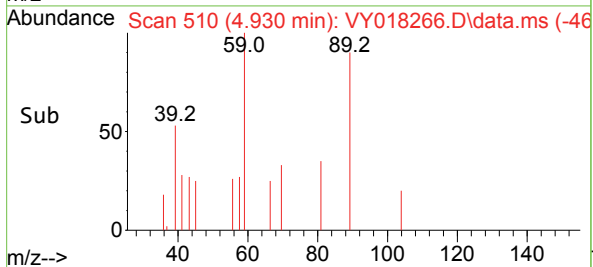
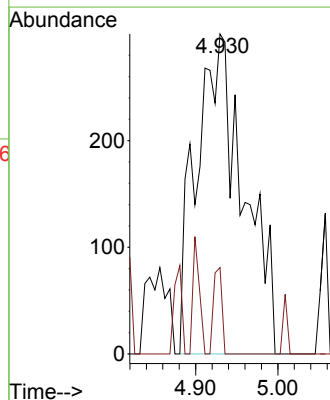
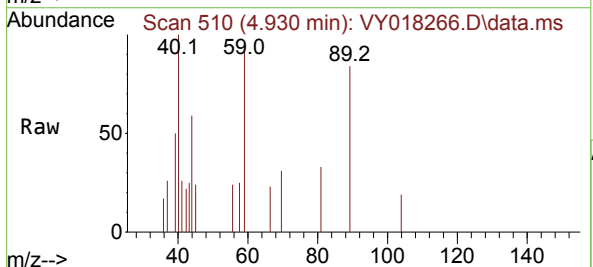
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

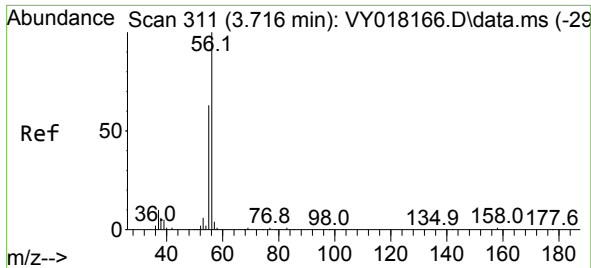
Tgt Ion:168 Resp: 171606
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

Tgt Ion: 59 Resp: 1206
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.6#

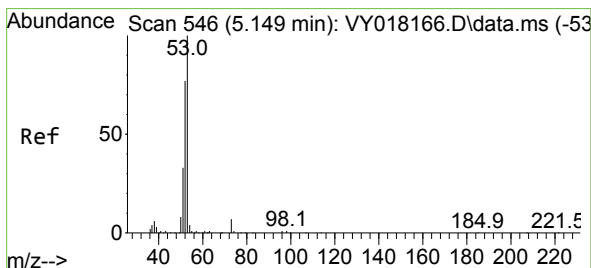
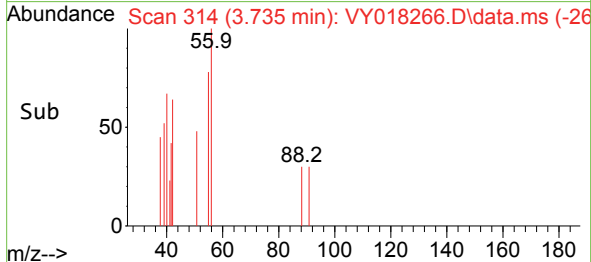
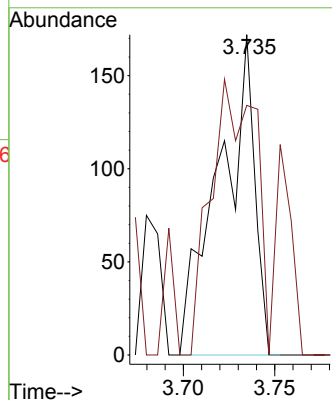
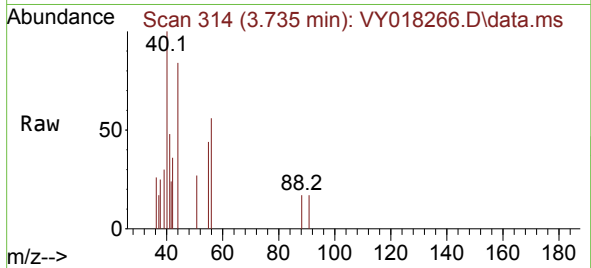




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

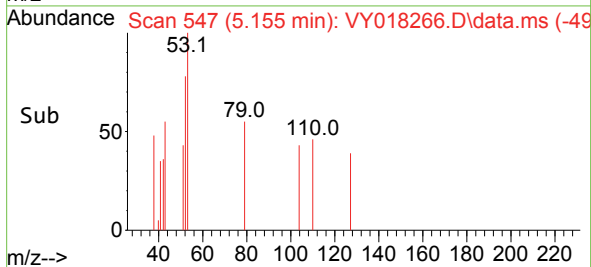
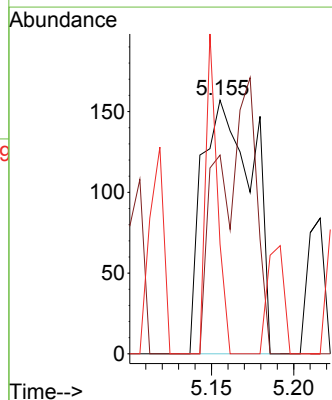
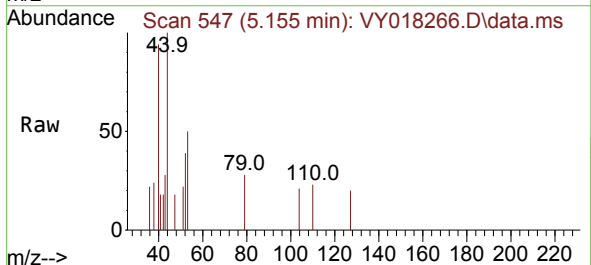
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

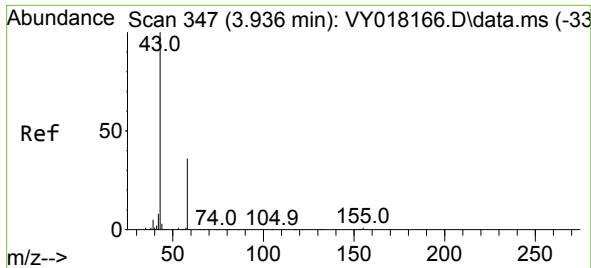
Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 108.6 55.7 83.5#



#15
Acrylonitrile
Concen: 1.023 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

Tgt Ion: 53 Resp: 335
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 29.0 28.4 42.6

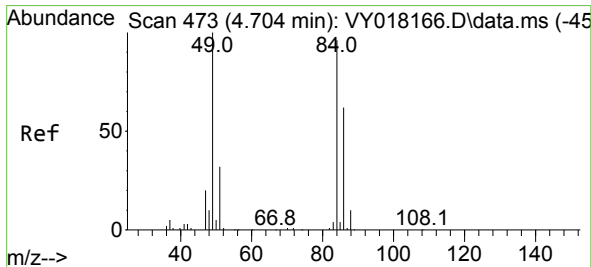
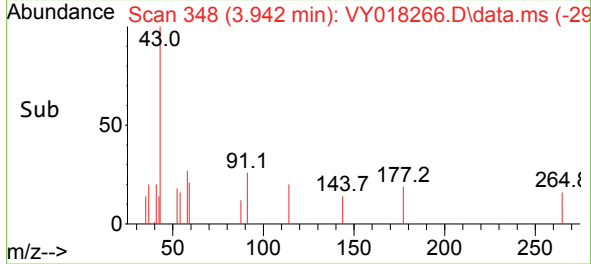
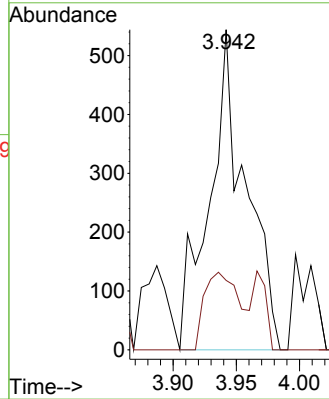
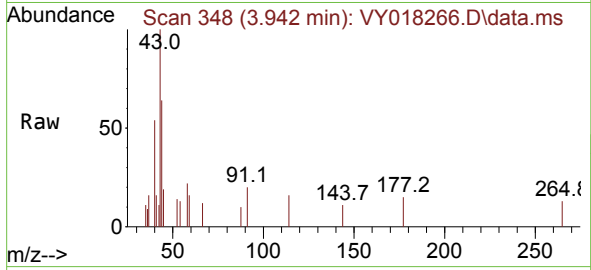




#16
Acetone
Concen: 4.327 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

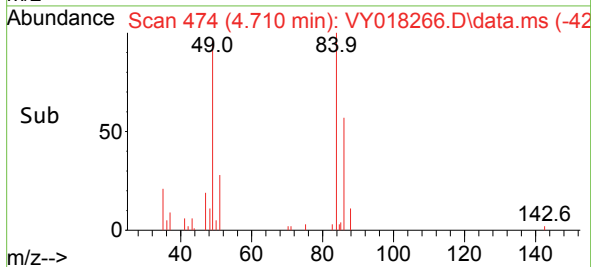
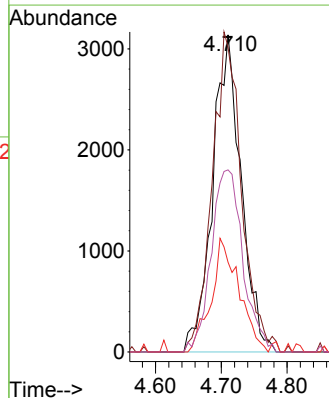
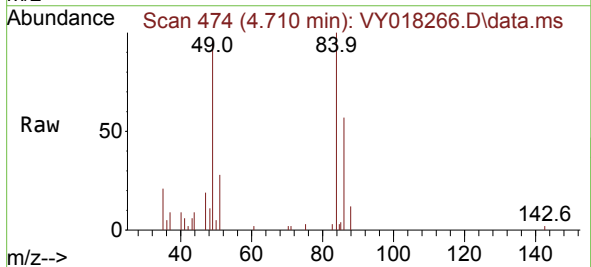
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

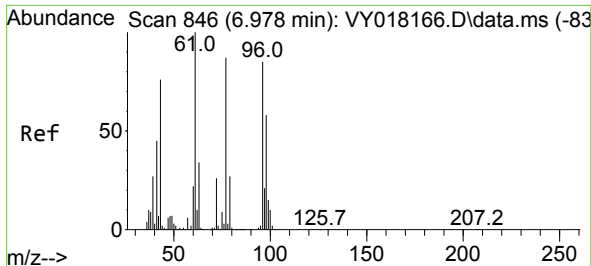
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 21.7 31.7 47.5#



#20
Methylene Chloride
Concen: 5.306 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

Tgt Ion: 84 Resp: 9449
Ion Ratio Lower Upper
84 100
49 96.2 84.4 126.6
51 28.3 26.0 39.0
86 57.4 49.5 74.3





#25

2-Butanone

Concen: 2.466 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

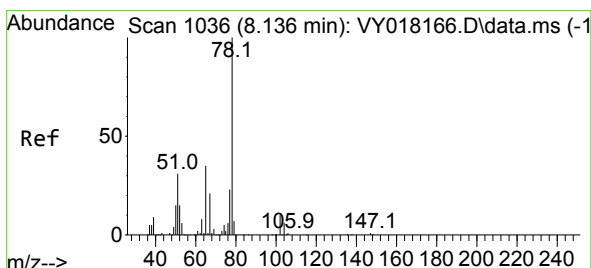
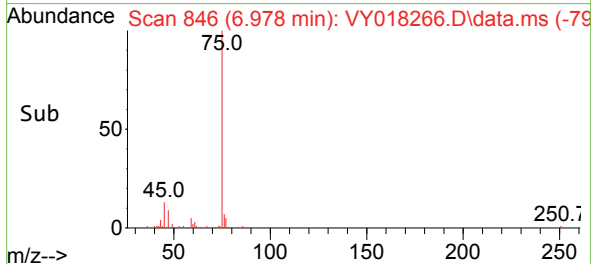
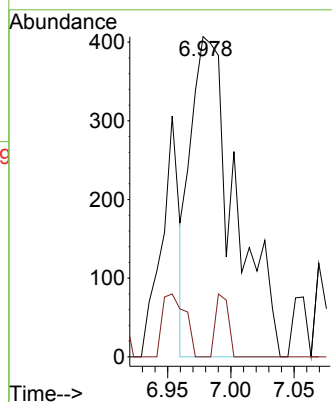
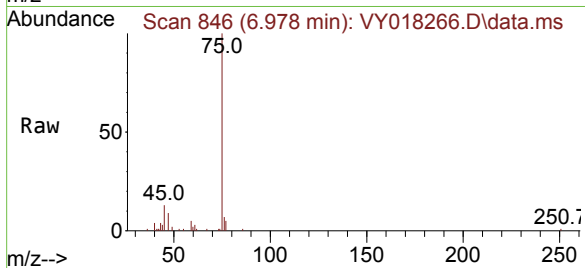
VY0515SBL01

Tgt Ion: 43 Resp: 993

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 63.514 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018266.D

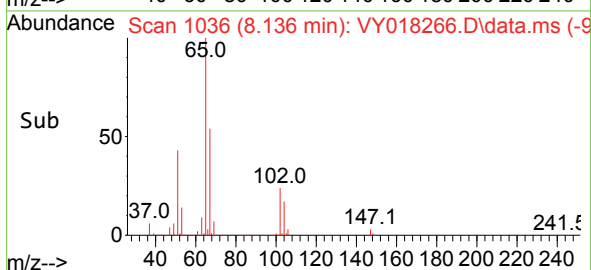
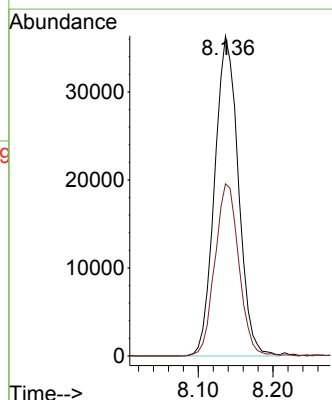
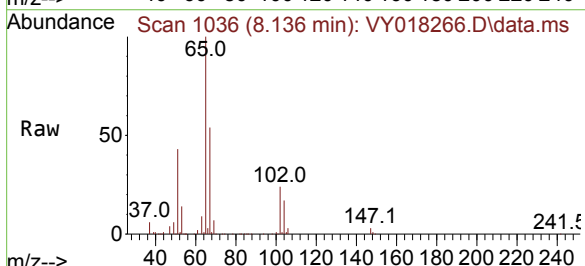
Acq: 15 May 2024 10:44

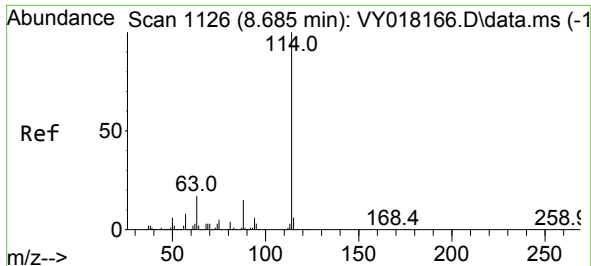
Tgt Ion: 65 Resp: 80183

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6

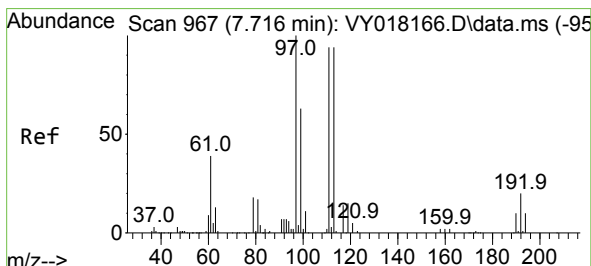
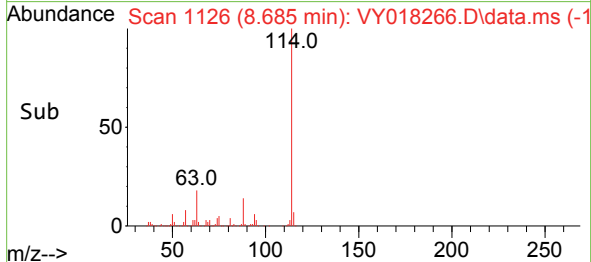
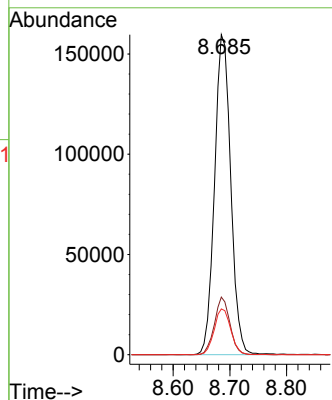
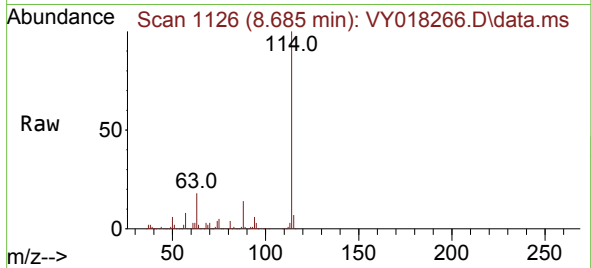




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

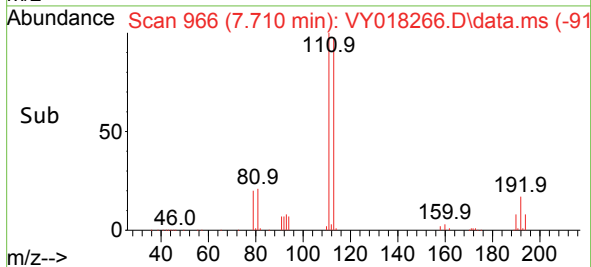
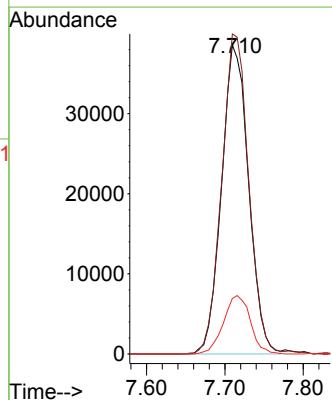
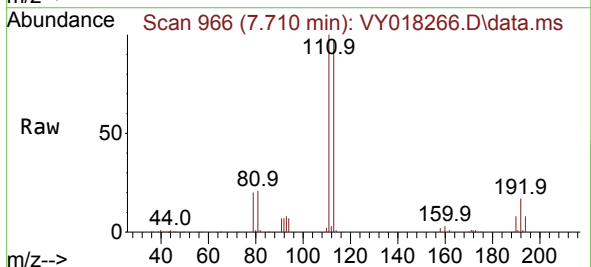
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

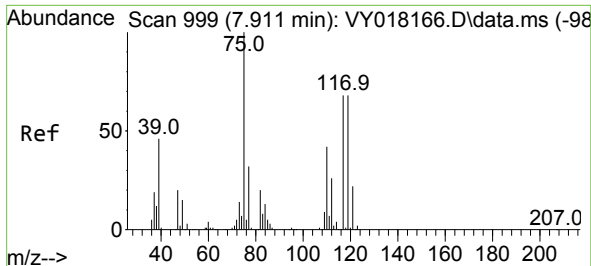
Tgt Ion:114 Resp: 316101
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.655 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

Tgt Ion:113 Resp: 92457
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 18.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.428 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBL01

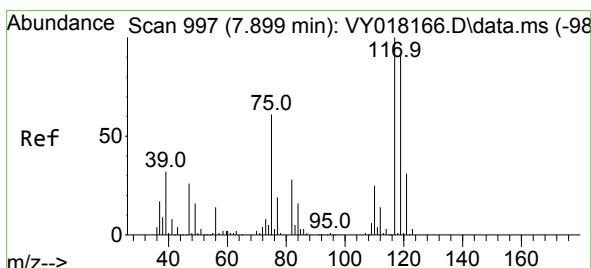
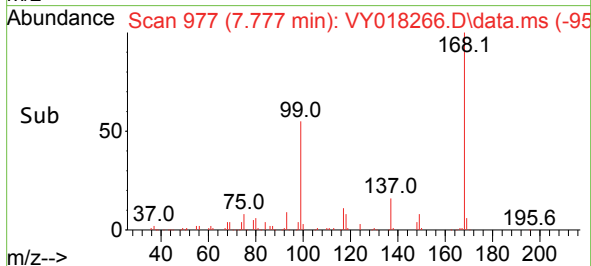
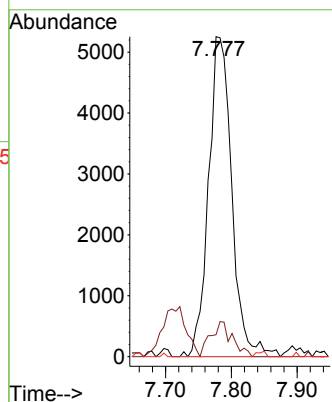
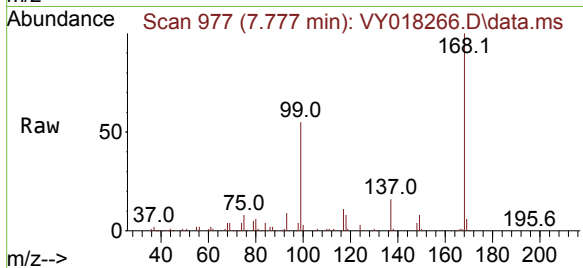
Tgt Ion: 75 Resp: 12926

Ion Ratio Lower Upper

75 100

110 10.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.289 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

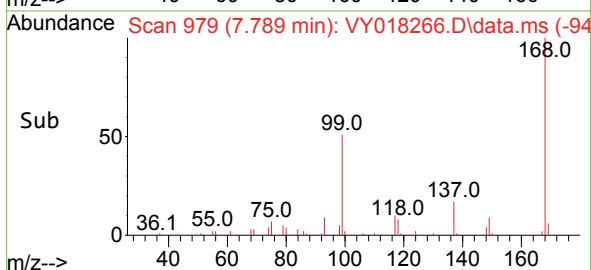
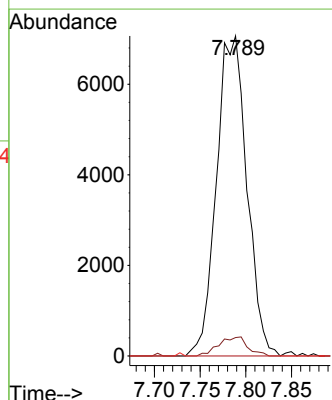
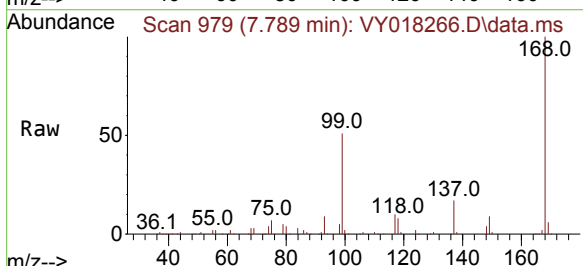
Tgt Ion: 117 Resp: 16365

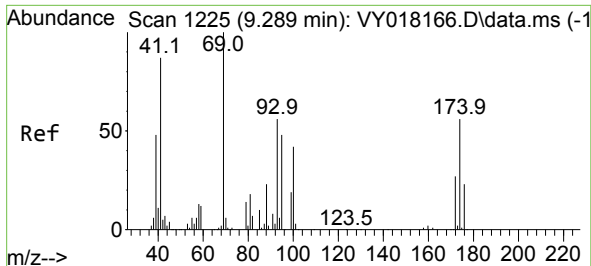
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.565 ug/l

RT: 9.441 min Scan# 1225

Delta R.T. 0.152 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBL01

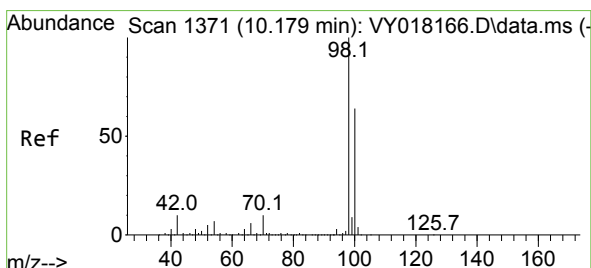
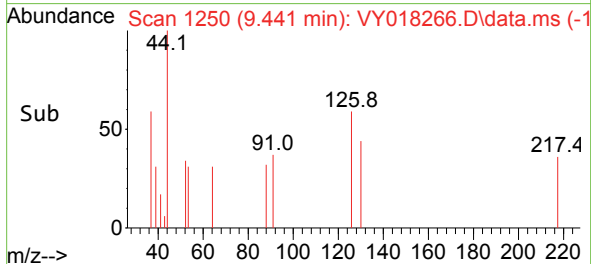
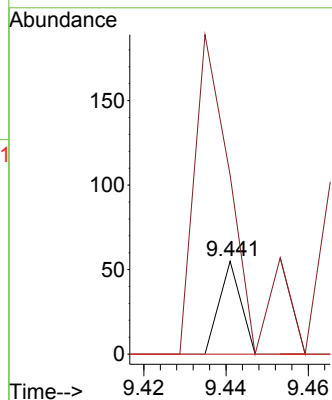
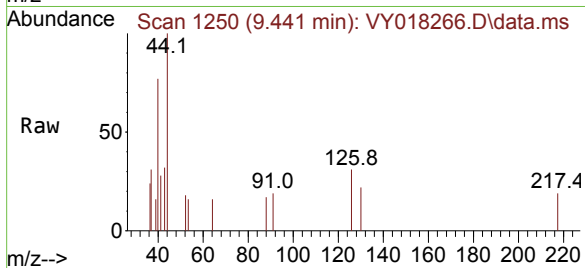
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 540.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 55.413 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018266.D

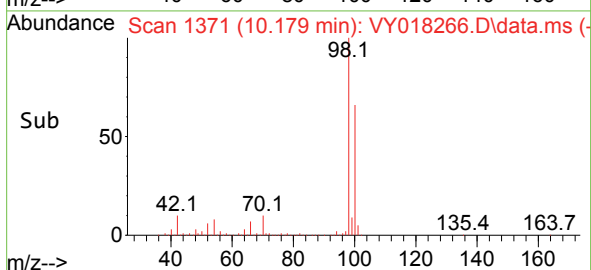
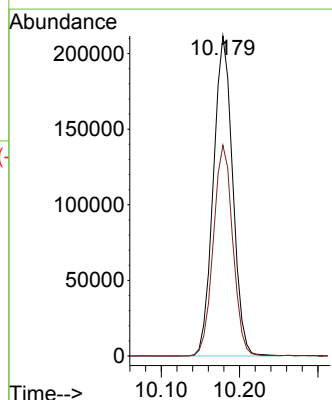
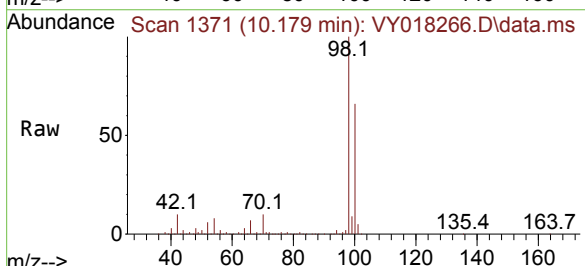
Acq: 15 May 2024 10:44

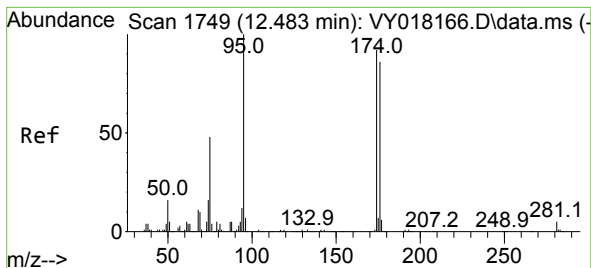
Tgt Ion: 98 Resp: 362754

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0

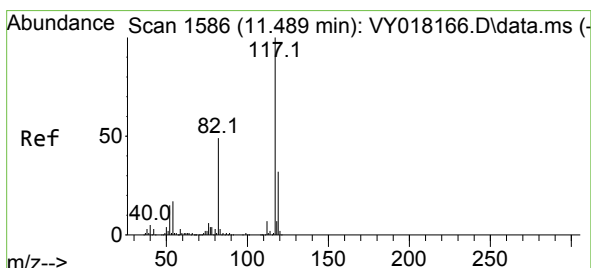
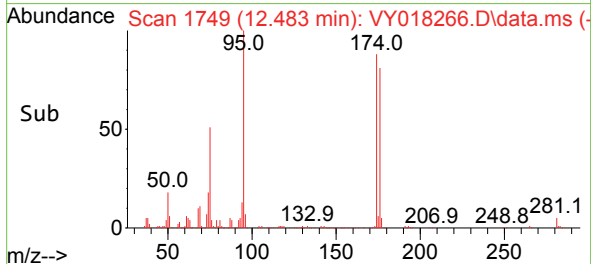
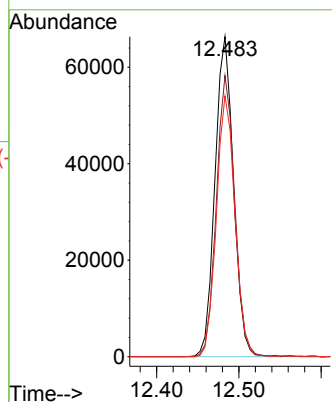
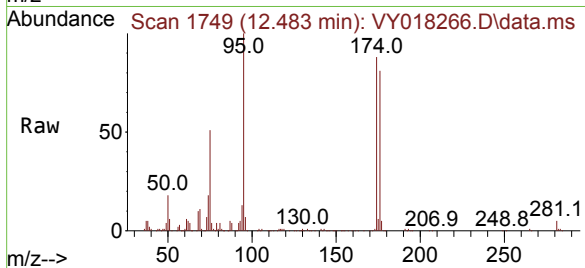




#62
4-Bromofluorobenzene
Concen: 49.099 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

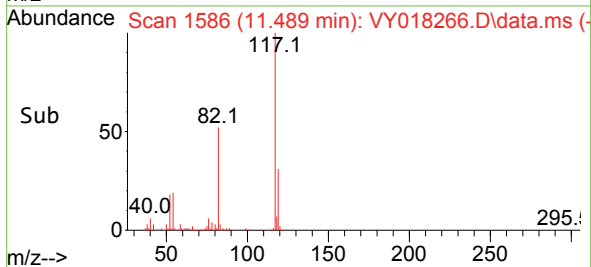
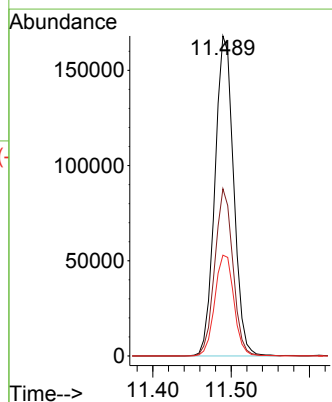
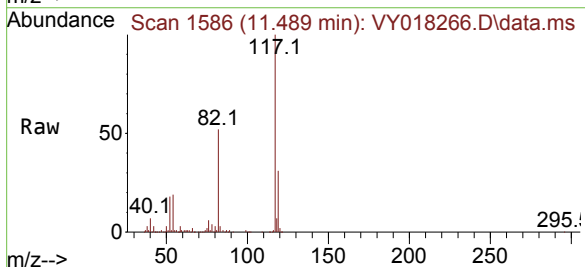
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MSVOA_Y
ClientSampleId :
VY0515SBL01

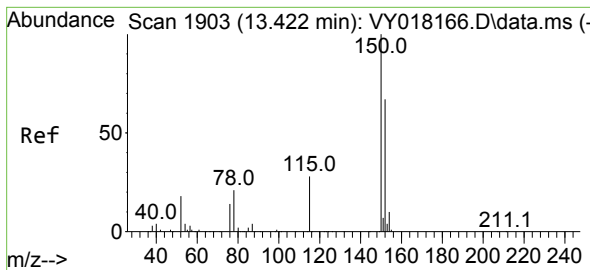
Tgt Ion: 95 Resp: 103801
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 81.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

Tgt Ion: 117 Resp: 279510
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.5 25.9 38.9

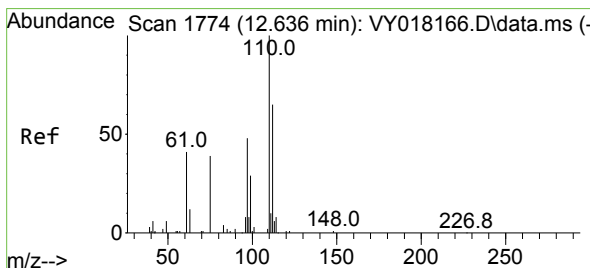
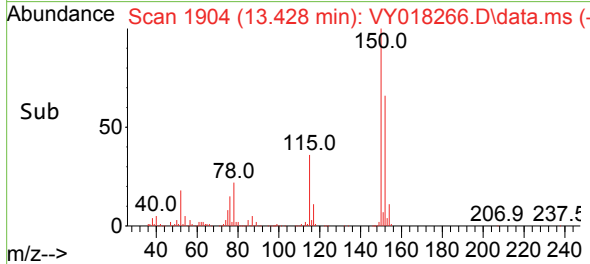
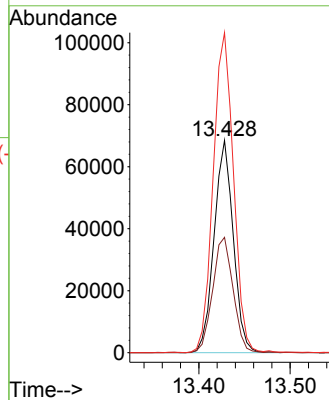
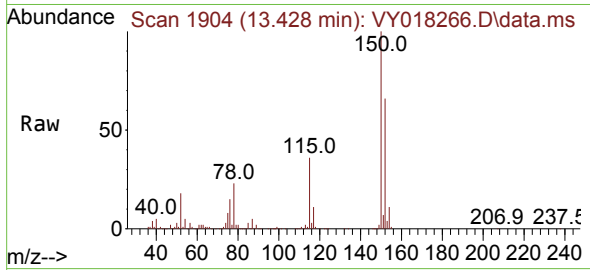




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY018266.D
 Acq: 15 May 2024 10:44

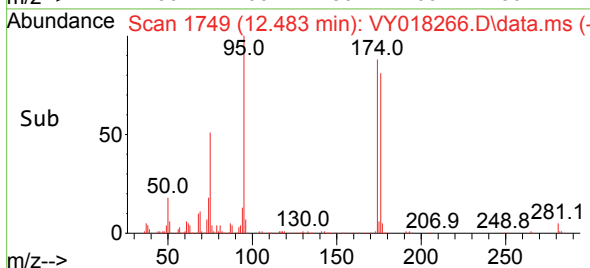
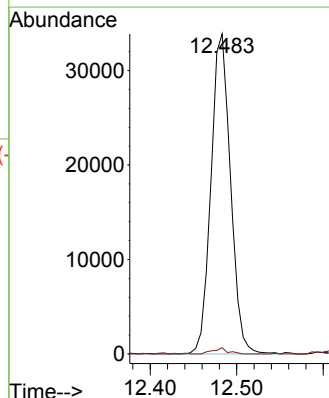
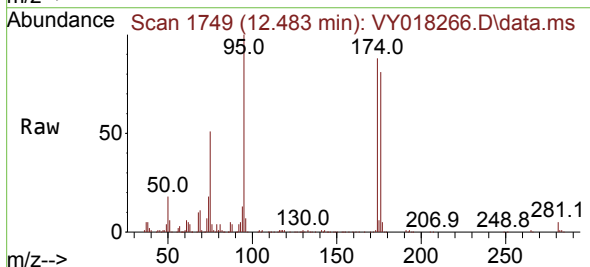
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01

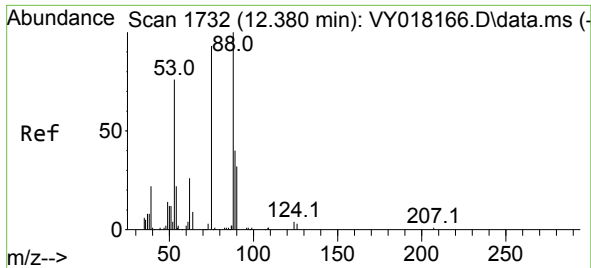
Tgt Ion:152 Resp: 100128
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 66.304 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY018266.D
 Acq: 15 May 2024 10:44

Tgt Ion: 75 Resp: 53140
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.745 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018266.D
 Acq: 15 May 2024 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01

Tgt Ion: 75 Resp: 53140
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

