

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017763.D
 Acq On : 26 Mar 2024 12:26
 Operator : SY/MD
 Sample : P1865-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205

Quant Time: Mar 27 01:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	134830	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	248007	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	212183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71407	60.792	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.580%
35) Dibromofluoromethane	7.728	113	81493	54.971	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.940%
50) Toluene-d8	10.191	98	286713	50.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.489	95	71413	41.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.840%

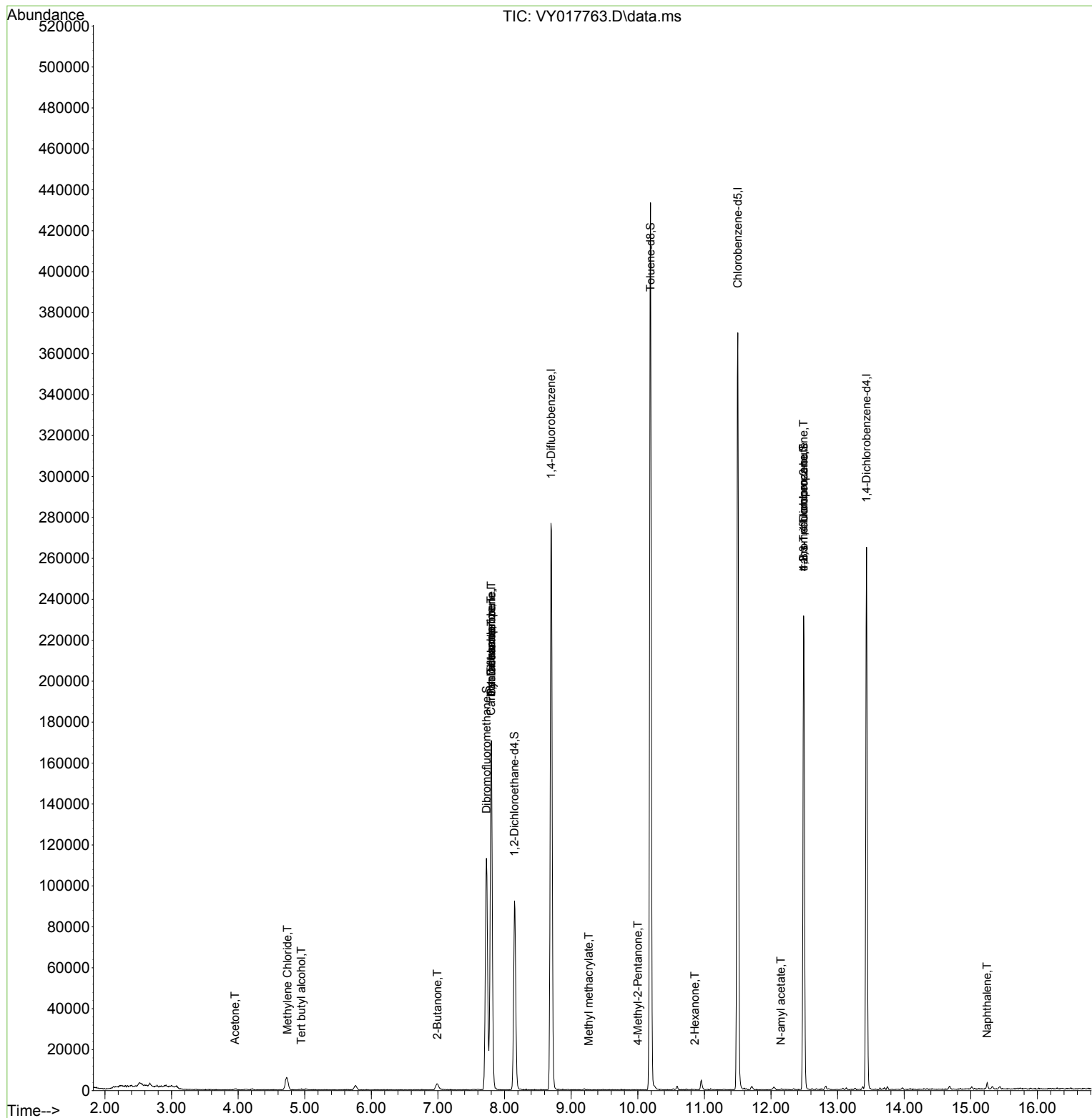
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	389	4.979	ug/l	# 88
16) Acetone	3.954	43	632	3.076	ug/l	96
20) Methylene Chloride	4.741	84	4787	3.204	ug/l	95
25) 2-Butanone	6.990	43	99	8.245	ug/l	# 41
31) Cyclohexane	7.801	56	2677	1.152	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	9813	4.285	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	13124	5.473	ug/l	# 18
48) Methyl methacrylate	9.264	41	20	1.296	ug/l	# 7
51) 4-Methyl-2-Pentanone	10.002	43	42	5.684	ug/l	# 31
59) 2-Hexanone	10.856	43	306	9.931	ug/l	# 28
74) N-amyl acetate	12.148	43	302	2.586	ug/l	# 59
76) 1,2,3-Trichloropropane	12.489	75	36665	58.112	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	36665	134.281	ug/l	# 16
95) Naphthalene	15.245	128	2708	4.061	ug/l	# 95

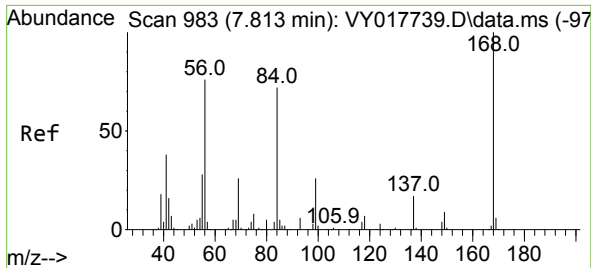
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
Data File : VY017763.D
Acq On : 26 Mar 2024 12:26
Operator : SY/MD
Sample : P1865-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

Quant Time: Mar 27 01:28:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

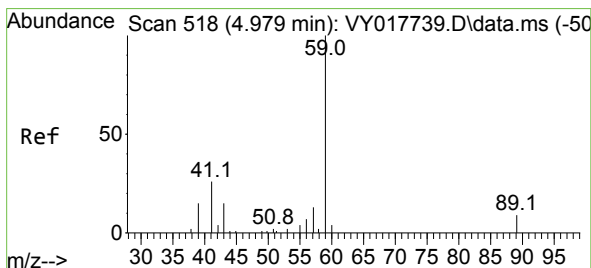
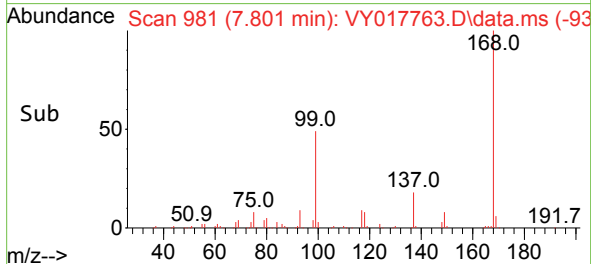
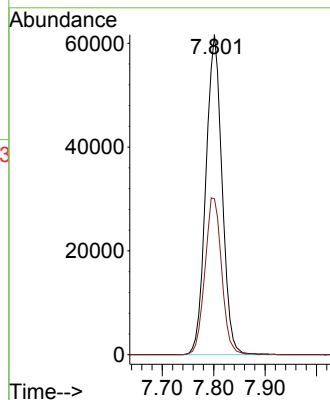
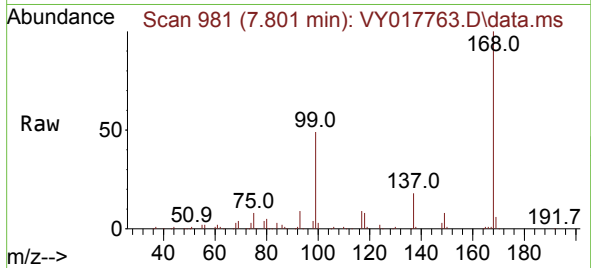




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

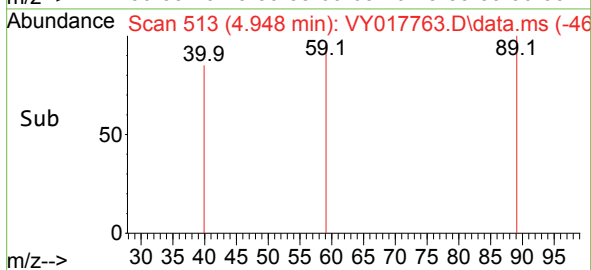
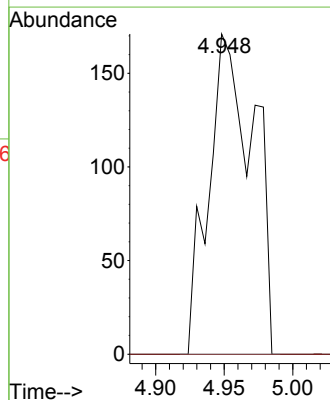
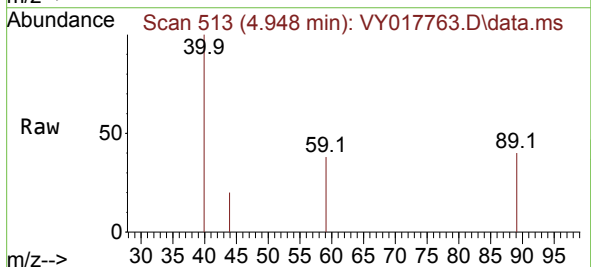
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

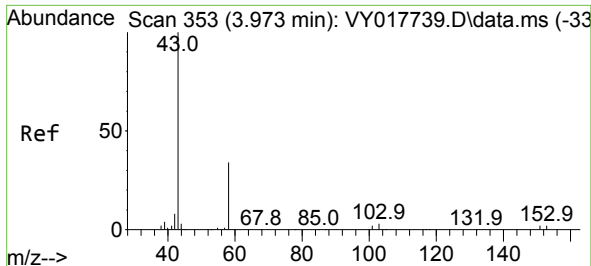
Tgt Ion:168 Resp: 134830
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.979 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.030 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

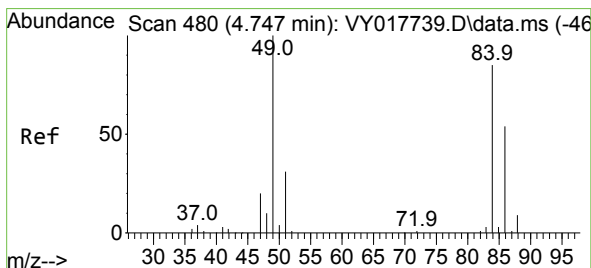
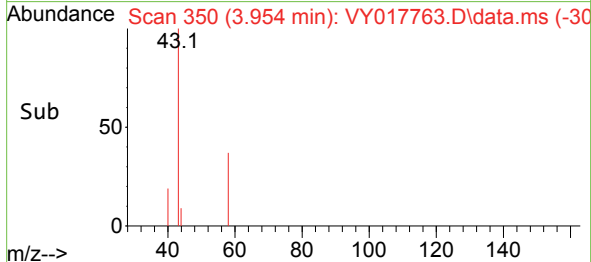
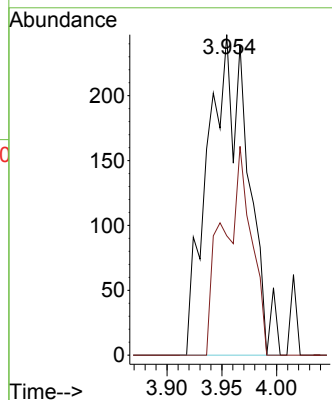
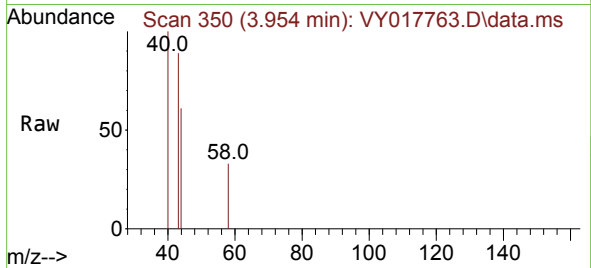




#16
Acetone
Concen: 3.076 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

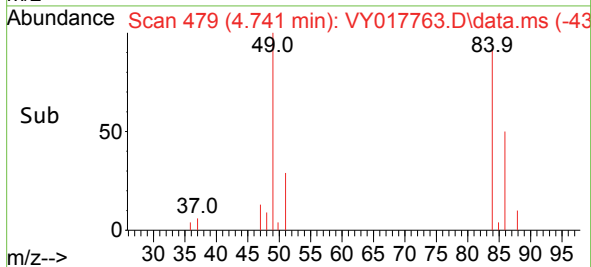
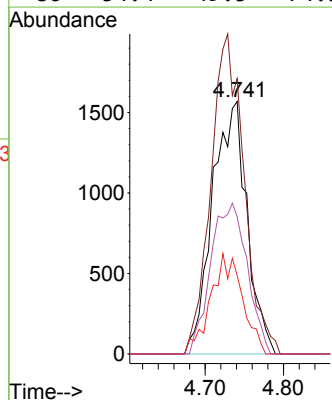
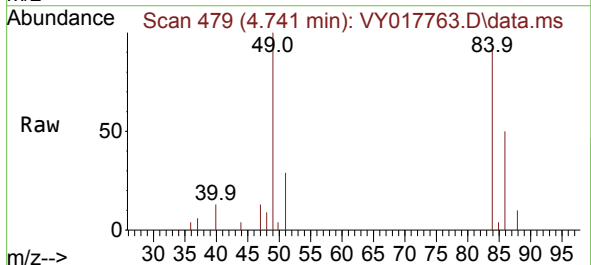
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

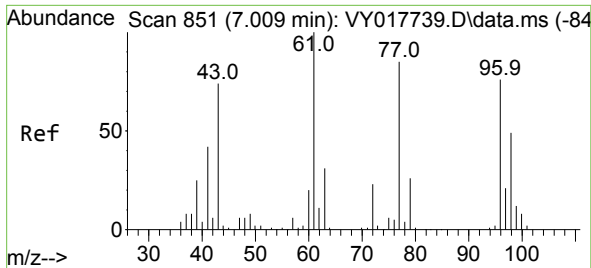
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 37.2 31.7 47.5



#20
Methylene Chloride
Concen: 3.204 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.006 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 84 Resp: 4787
Ion Ratio Lower Upper
84 100
49 109.1 84.4 126.6
51 31.1 26.0 39.0
86 54.4 49.5 74.3





#25

2-Butanone

Concen: 8.245 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.019 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

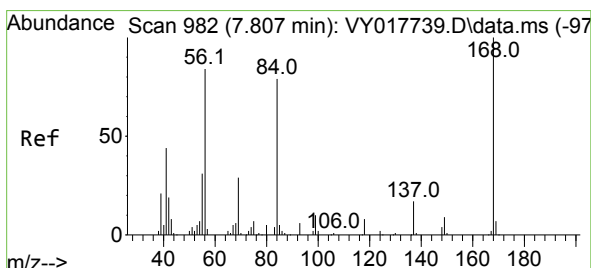
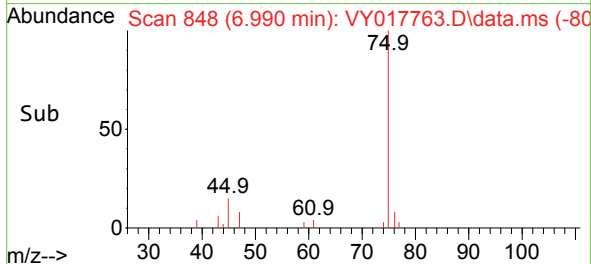
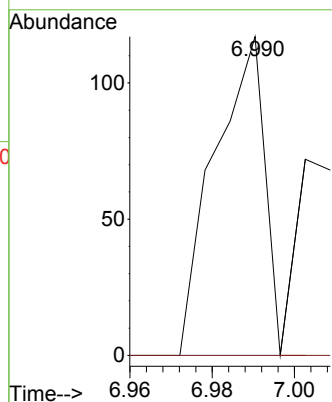
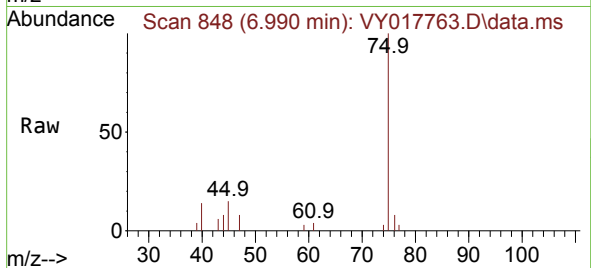
VNJ-205

Tgt Ion: 43 Resp: 99

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

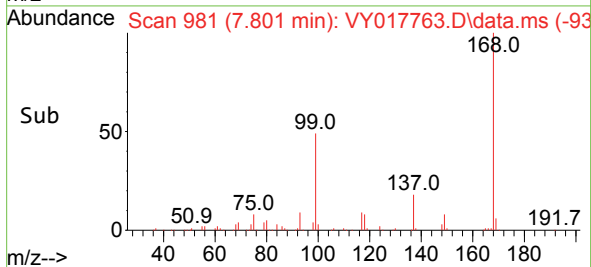
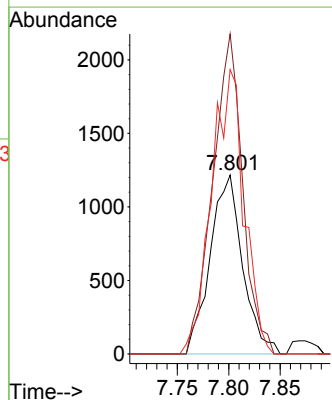
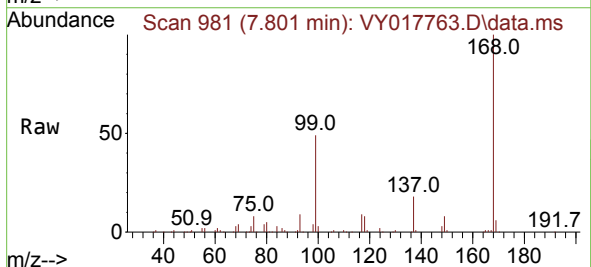
Tgt Ion: 56 Resp: 2677

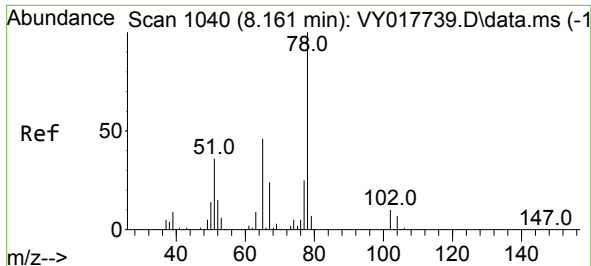
Ion Ratio Lower Upper

56 100

69 178.8 28.7 43.1#

84 158.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.792 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

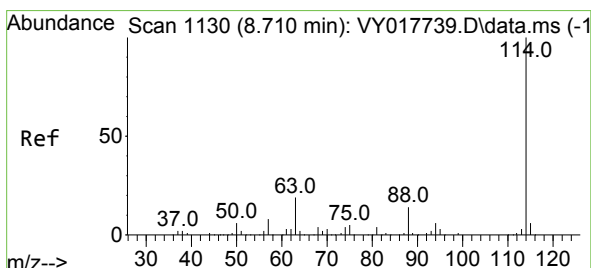
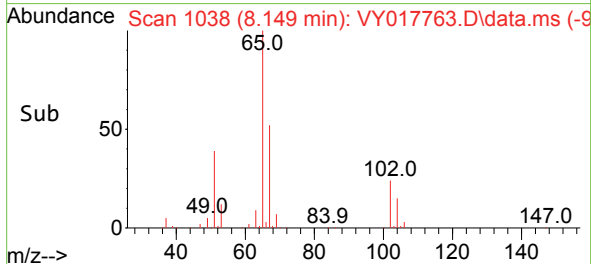
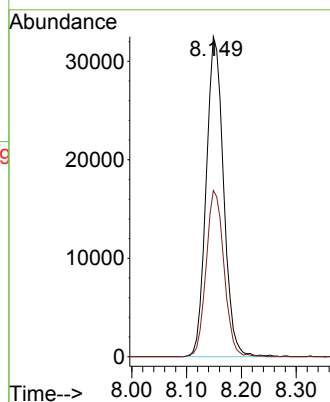
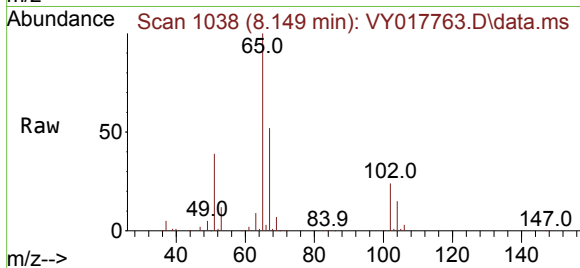
VNJ-205

Tgt Ion: 65 Resp: 71407

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

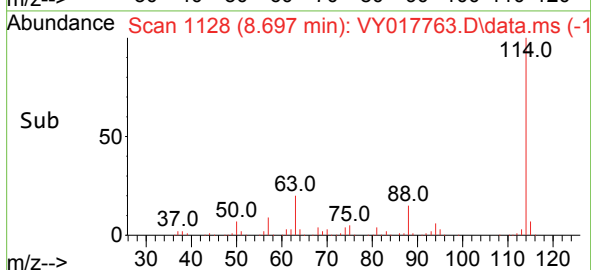
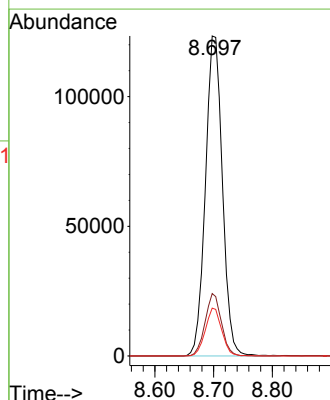
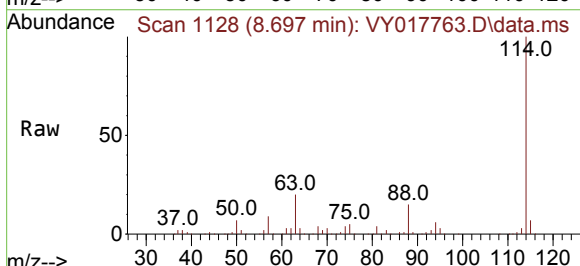
Tgt Ion: 114 Resp: 248007

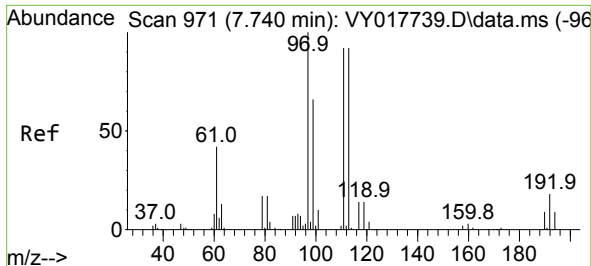
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.9 0.0 27.2

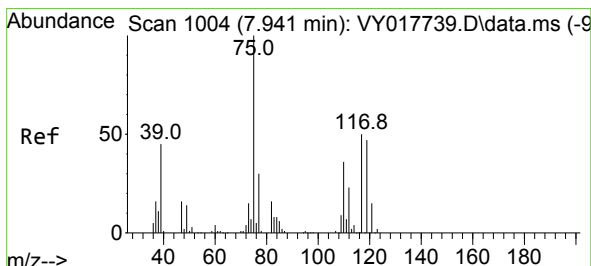
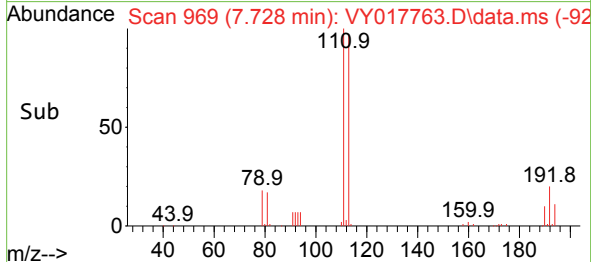
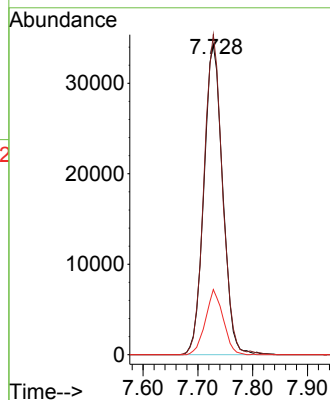
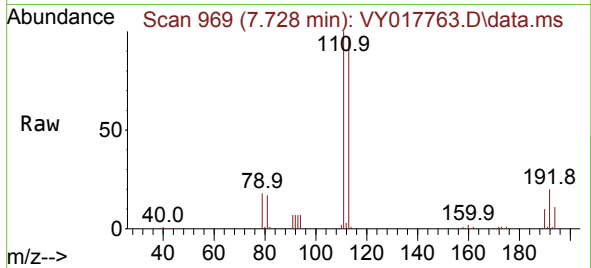




#35
Dibromofluoromethane
Concen: 54.971 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

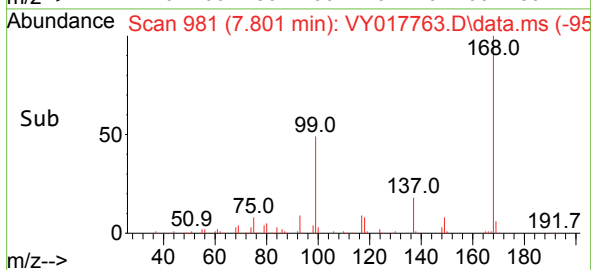
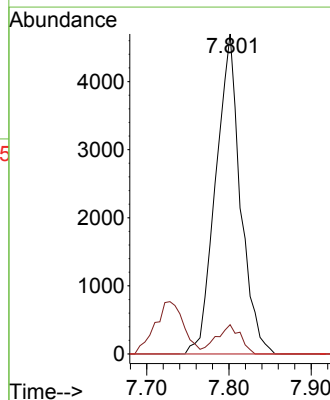
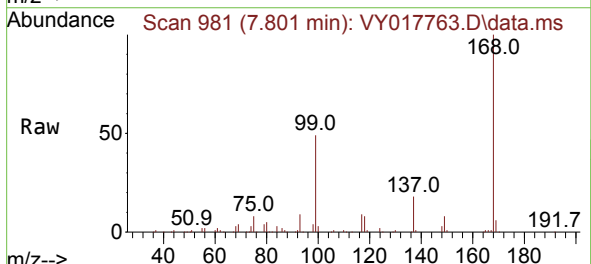
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

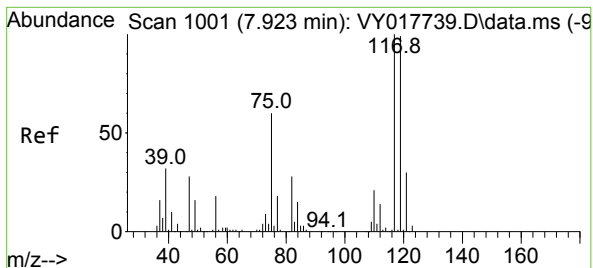
Tgt Ion:113 Resp: 81493
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 75 Resp: 9813
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.473 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205

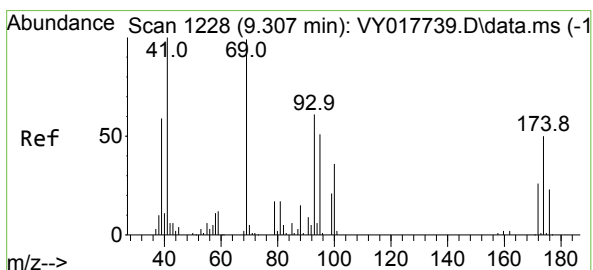
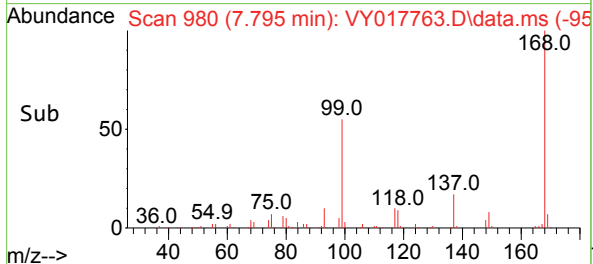
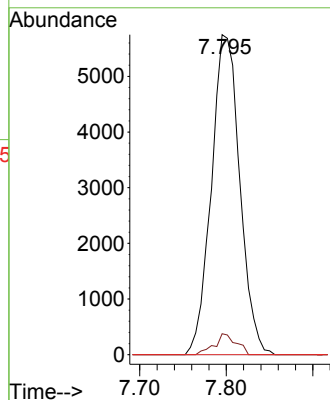
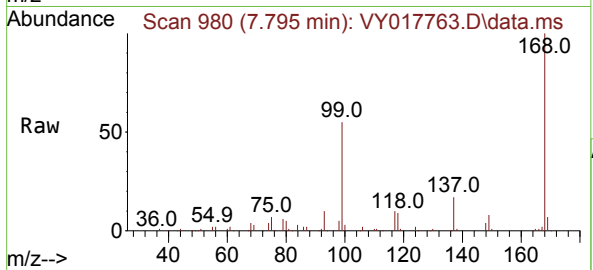
Tgt Ion:117 Resp: 13124

Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

121 0.0 24.0 36.0#



#48

Methyl methacrylate

Concen: 1.296 ug/l

RT: 9.264 min Scan# 1221

Delta R.T. -0.043 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

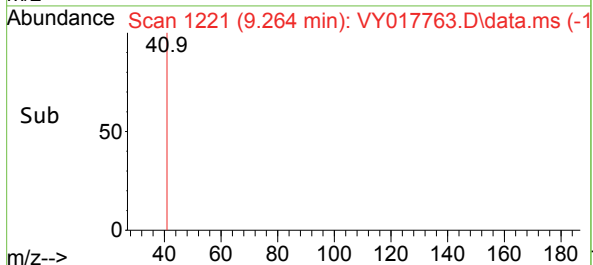
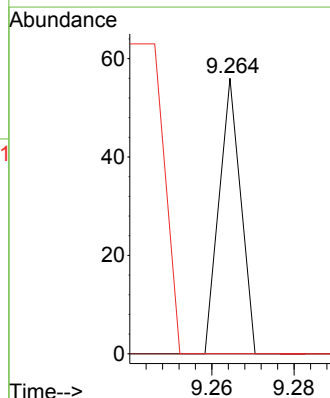
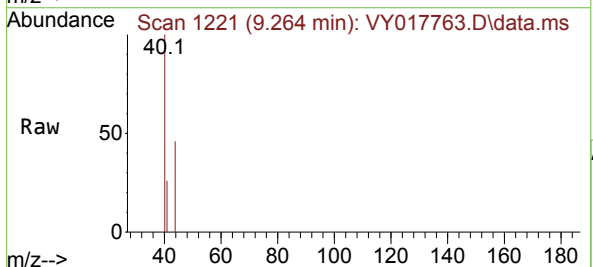
Tgt Ion: 41 Resp: 20

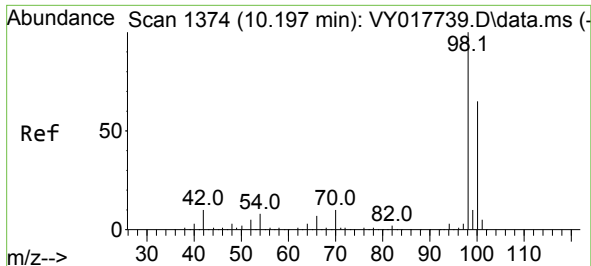
Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 0.0 43.6 65.4#

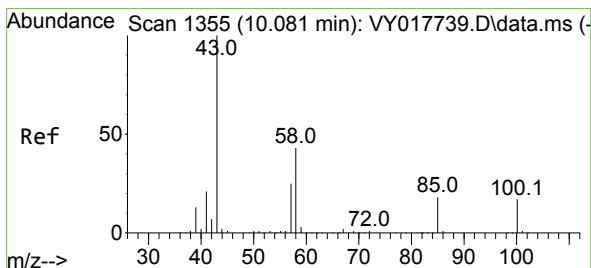
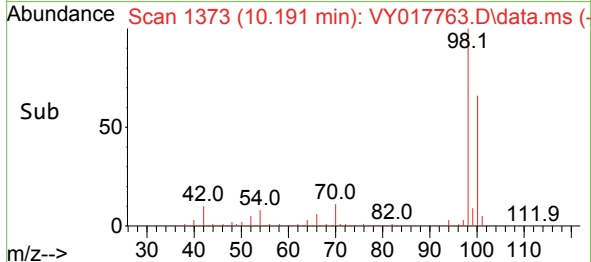
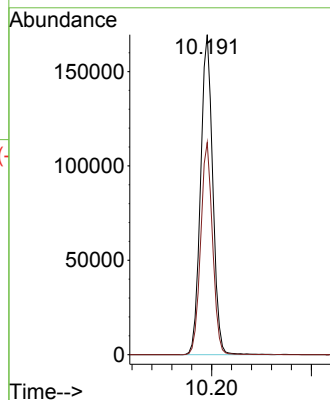
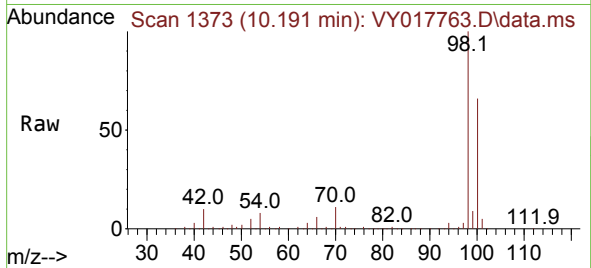




#50
Toluene-d8
Concen: 50.533 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

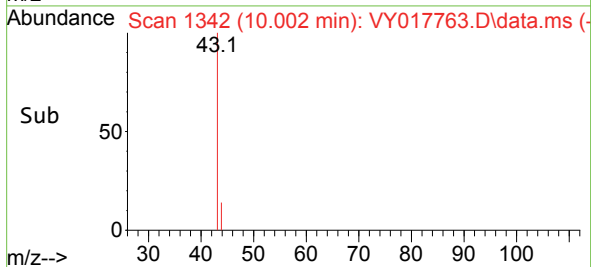
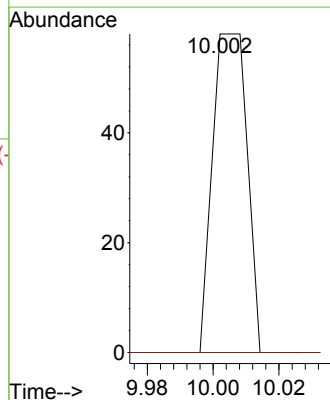
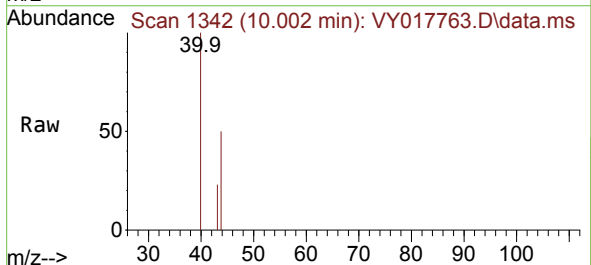
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

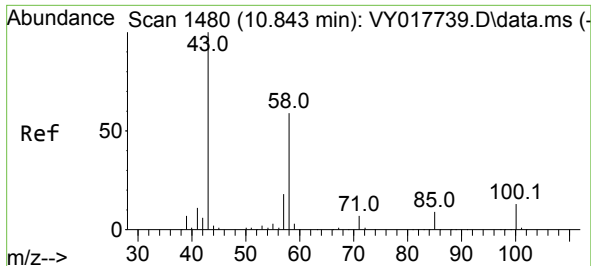
Tgt Ion: 98 Resp: 286713
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.684 ug/l
RT: 10.002 min Scan# 1342
Delta R.T. -0.079 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#

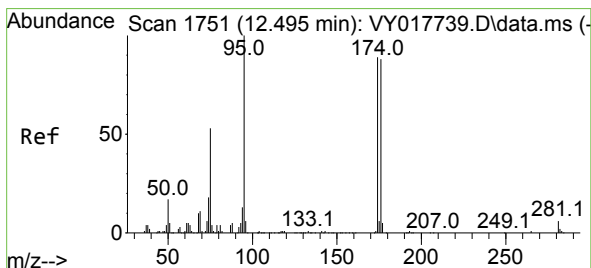
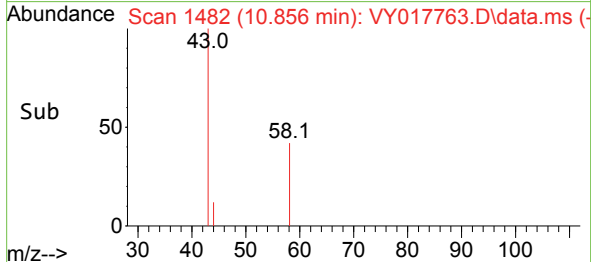
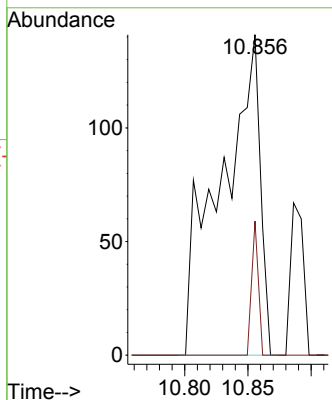
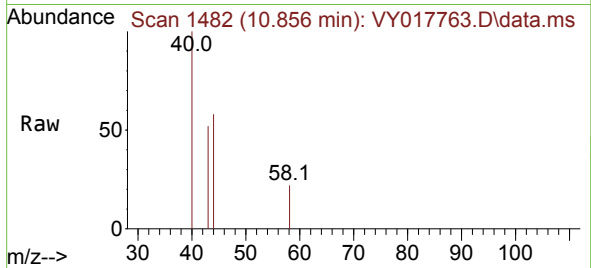




#59
2-Hexanone
Concen: 9.931 ug/l
RT: 10.856 min Scan# 1482
Delta R.T. 0.013 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

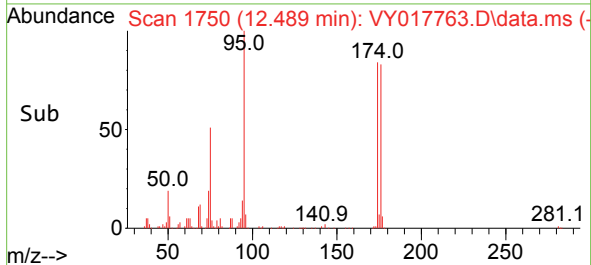
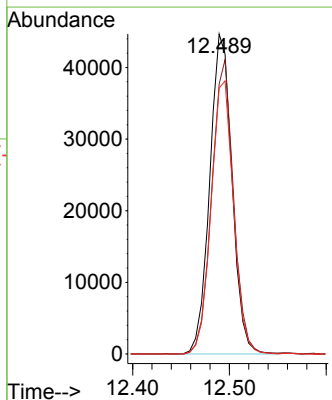
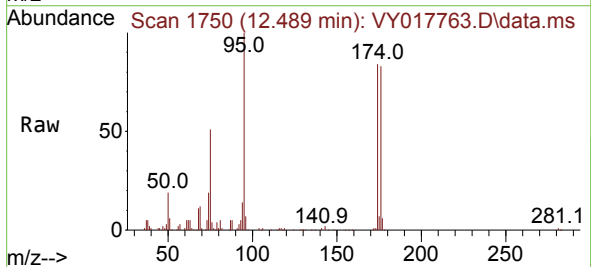
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

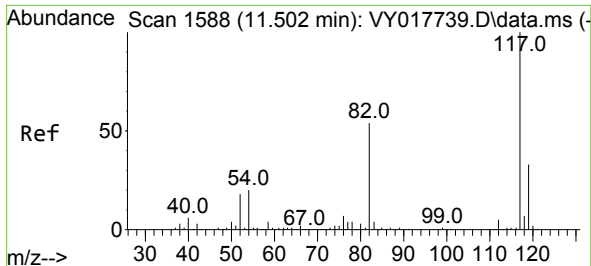
Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
58 7.2 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 41.916 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 95 Resp: 71413
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 85.9 0.0 171.4

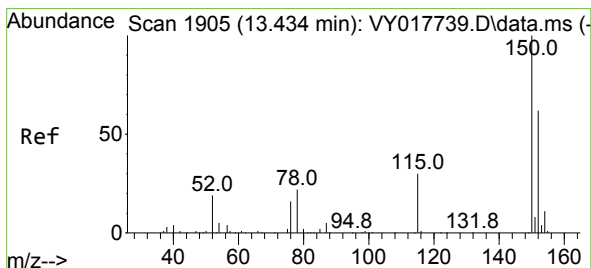
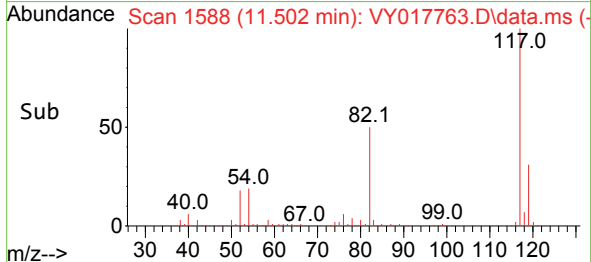
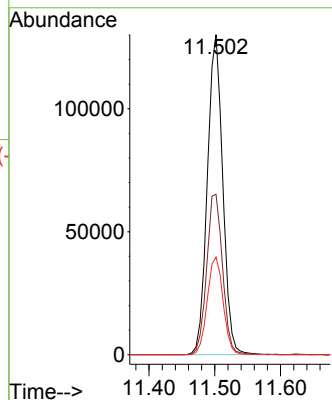
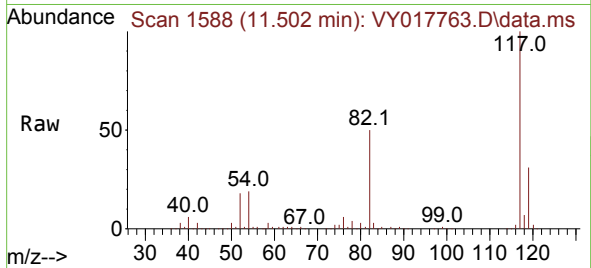




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

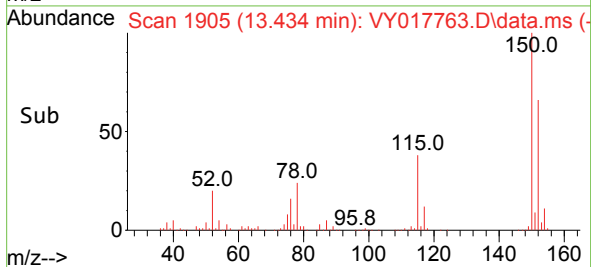
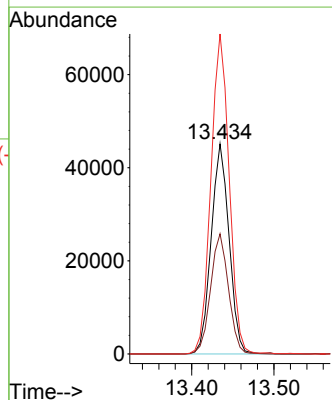
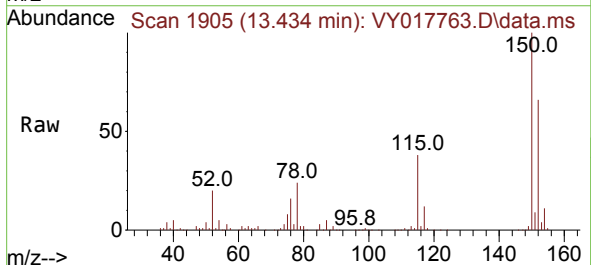
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

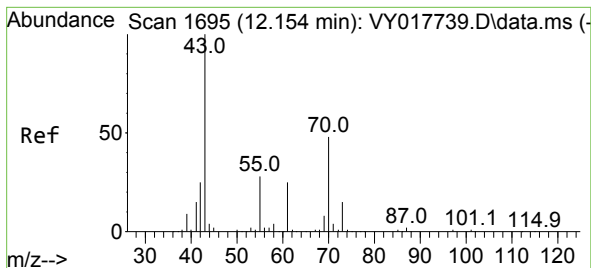
Tgt Ion:117 Resp: 212183
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 30.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion:152 Resp: 68324
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.2 0.0 345.6





#74

N-amy1 acetate

Concen: 2.586 ug/l

RT: 12.148 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205

Tgt Ion: 43 Resp: 302

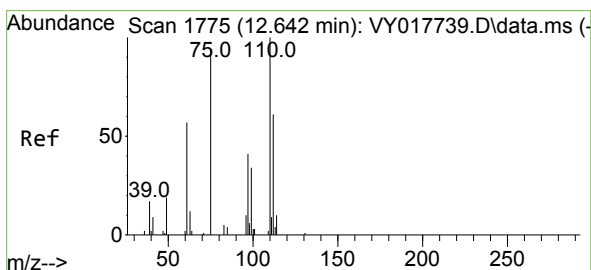
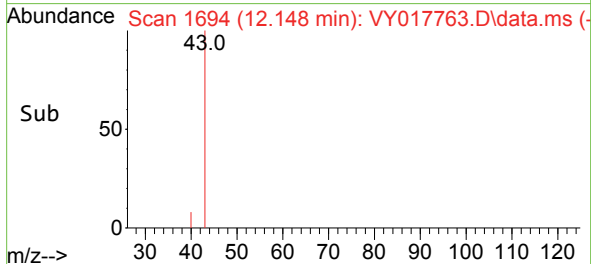
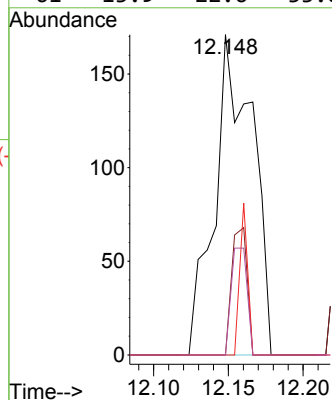
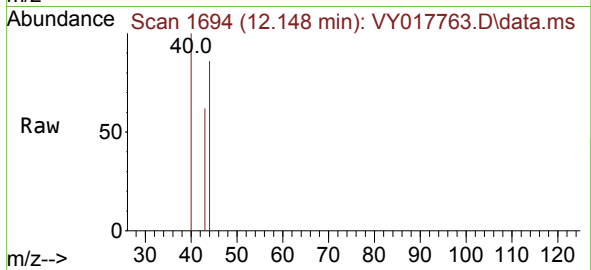
Ion Ratio Lower Upper

43 100

70 15.9 41.4 62.2#

55 9.9 23.3 34.9#

61 13.9 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 58.112 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017763.D

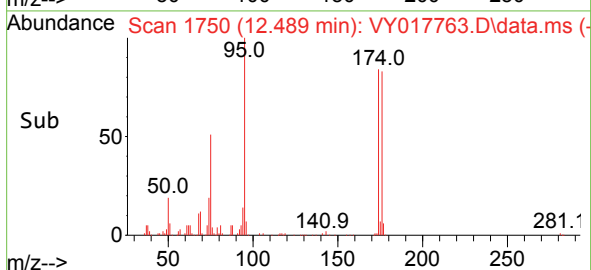
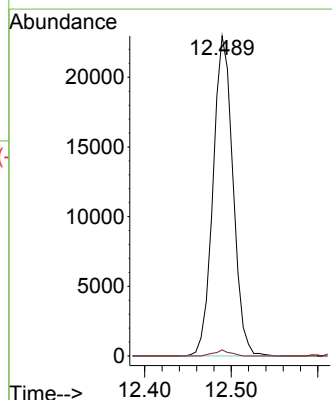
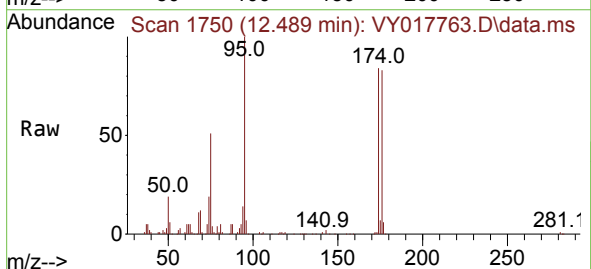
Acq: 26 Mar 2024 12:26

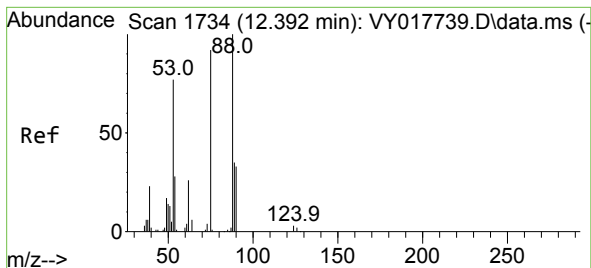
Tgt Ion: 75 Resp: 36665

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

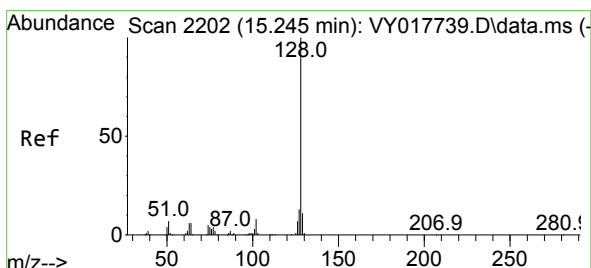
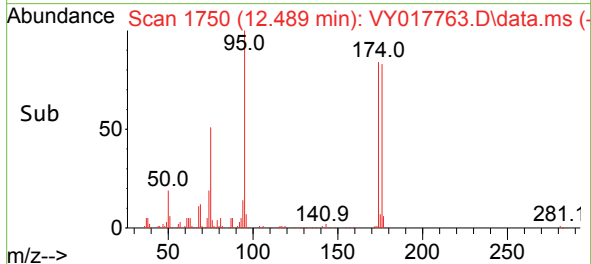
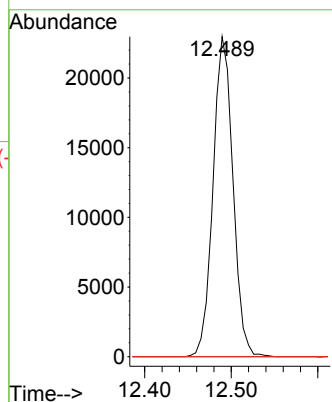
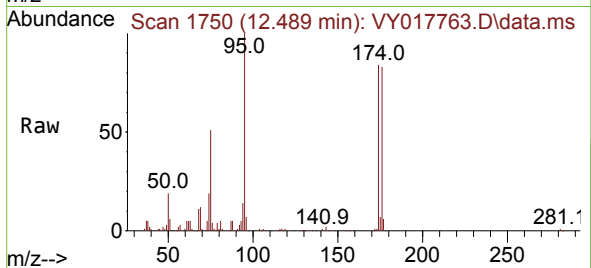




#81
trans-1,4-Dichloro-2-butene
Concen: 134.281 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.098 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

Tgt Ion: 75 Resp: 36665
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.061 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 128 Resp: 2708
Ion Ratio Lower Upper
128 100
127 16.4 10.6 16.0#
129 11.7 8.6 13.0

