

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018733.D
 Acq On : 28 Jun 2024 17:02
 Operator : SY/MD
 Sample : P3115-12
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-325

Quant Time: Jul 01 01:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

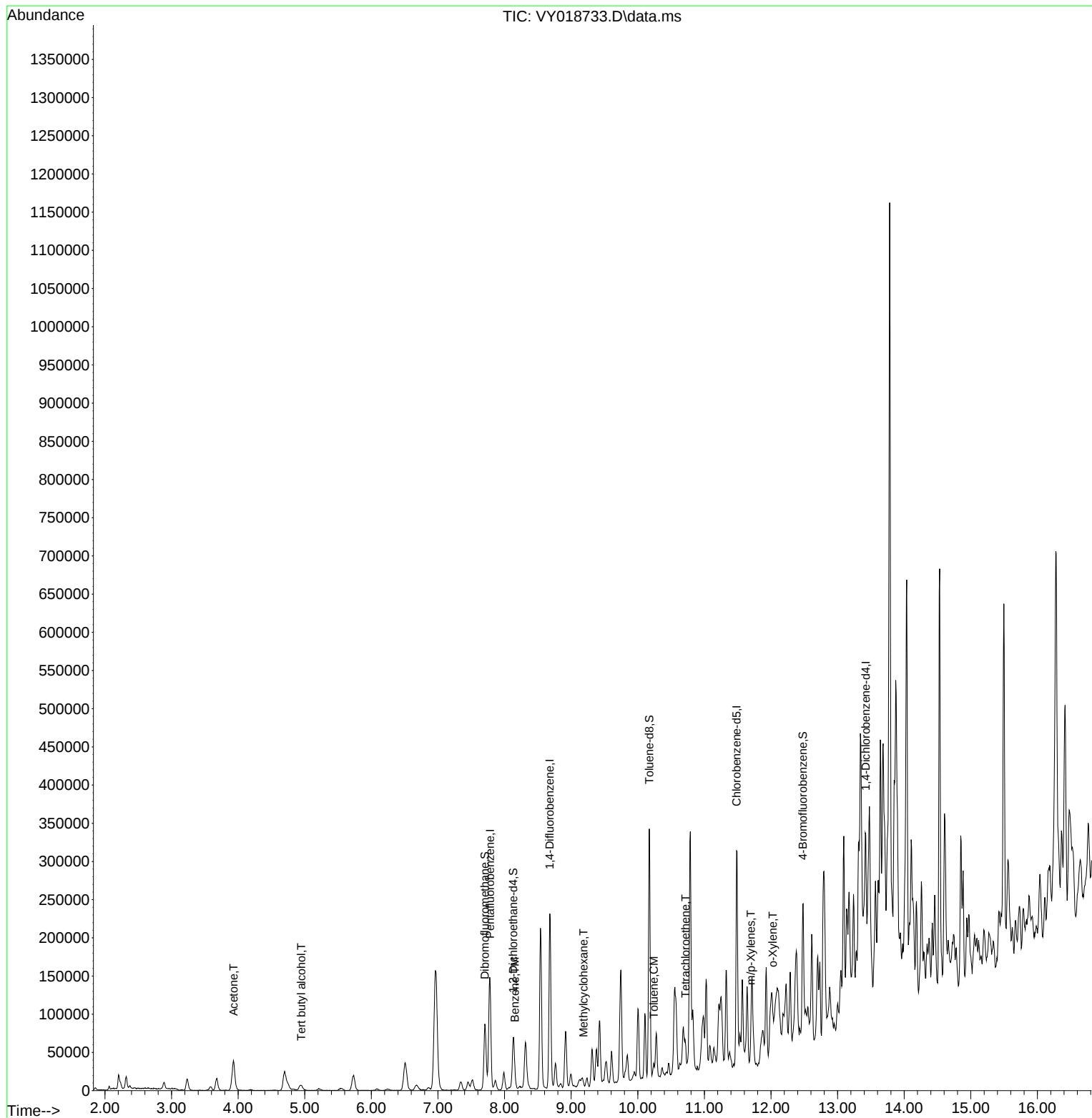
Internal Standards						
1) Pentafluorobenzene	7.783	168	119527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	206257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	150412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49629	41.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.480%
35) Dibromofluoromethane	7.704	113	60568	48.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.280%
50) Toluene-d8	10.173	98	219397	45.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.477	95	43559	28.509	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	13875	64.100	ug/l #	79
16) Acetone	3.930	43	52499	214.429	ug/l #	85
39) Methylcyclohexane	9.185	83	2195	1.034	ug/l #	81
40) Benzene	8.155	78	9568	1.786	ug/l	97
52) Toluene	10.240	92	8599	2.501	ug/l	85
64) Tetrachloroethene	10.715	164	6899	6.431	ug/l	96
68) m/p-Xylenes	11.697	106	5528	2.635	ug/l	100
69) o-Xylene	12.026	106	3600	1.784	ug/l	94

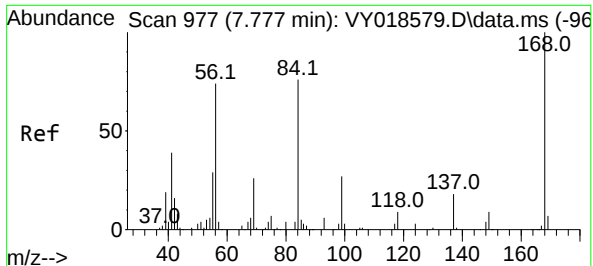
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
Data File : VY018733.D
Acq On : 28 Jun 2024 17:02
Operator : SY/MD
Sample : P3115-12
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-325

Quant Time: Jul 01 01:48:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

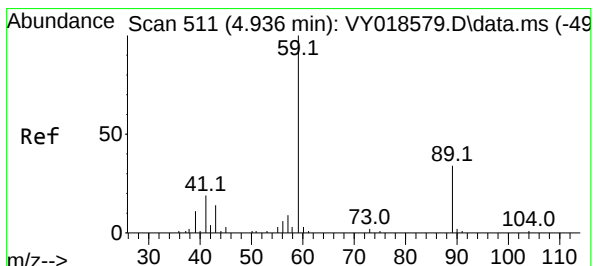
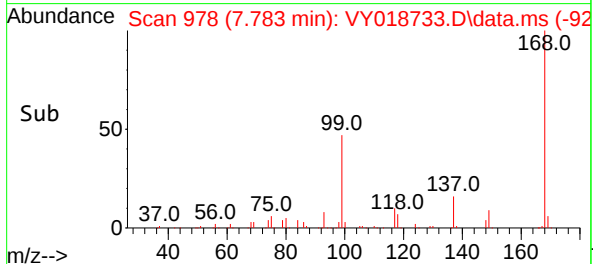
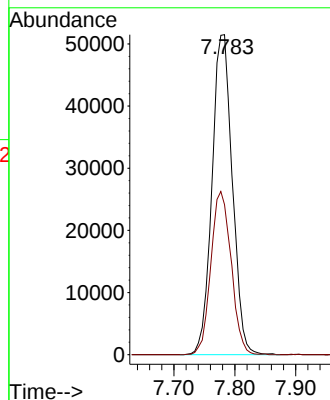
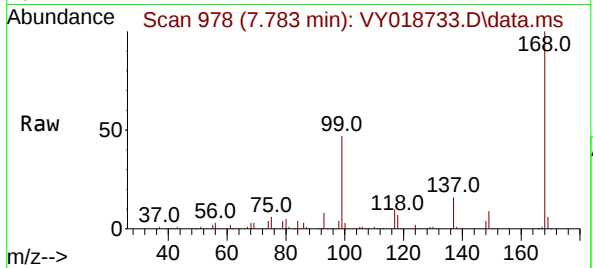




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

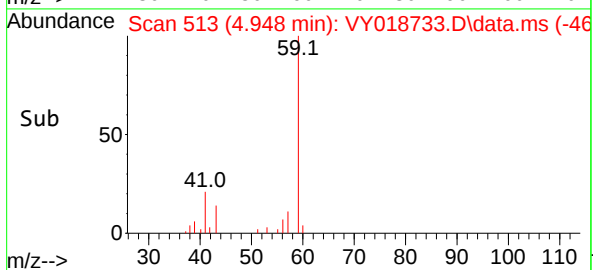
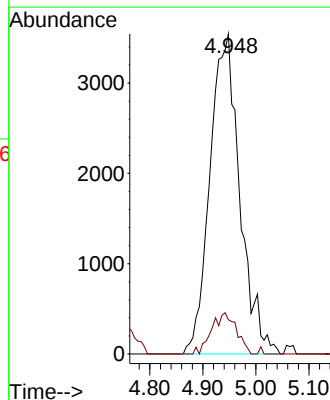
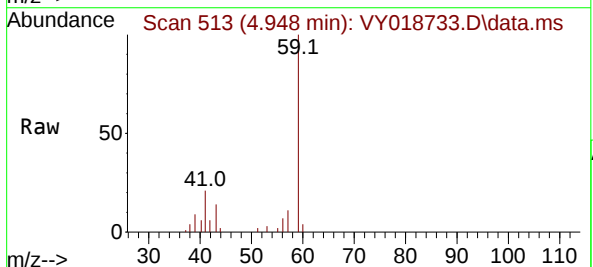
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-325

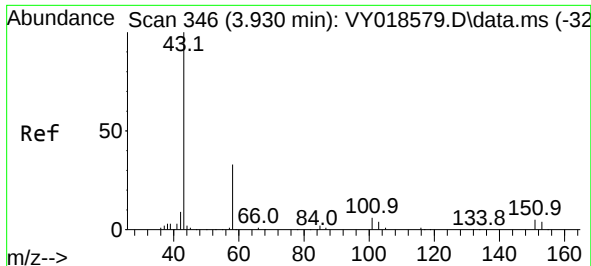
Tgt Ion:168 Resp: 119527
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 64.100 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

Tgt Ion: 59 Resp: 13875
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.6#

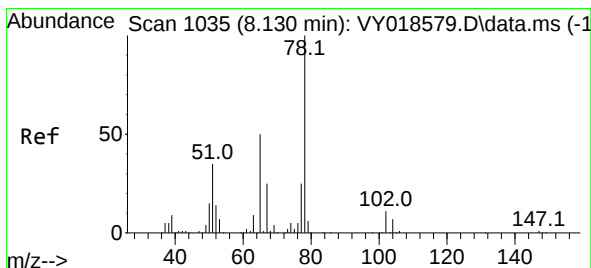
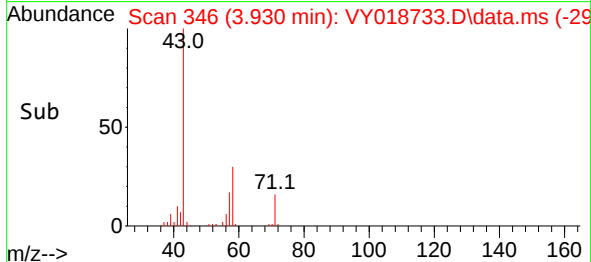
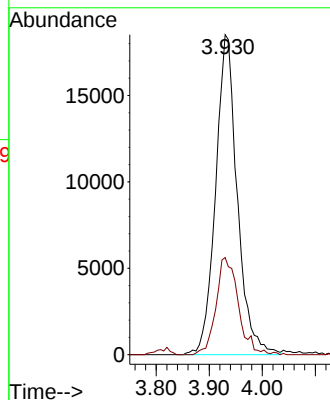
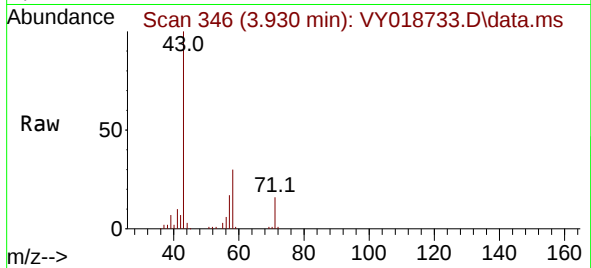




#16
Acetone
Concen: 214.429 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

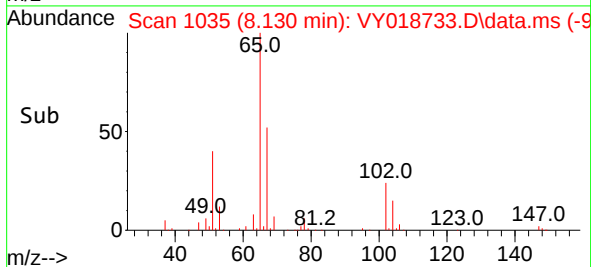
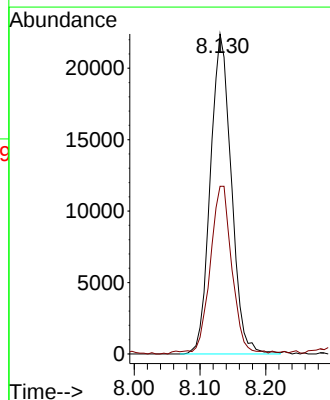
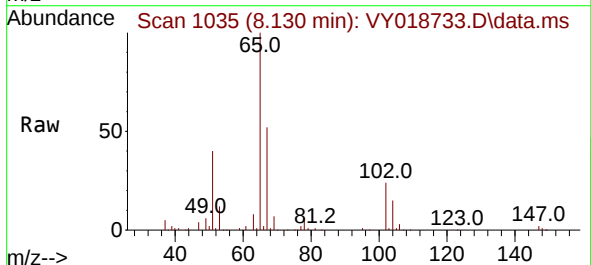
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-325

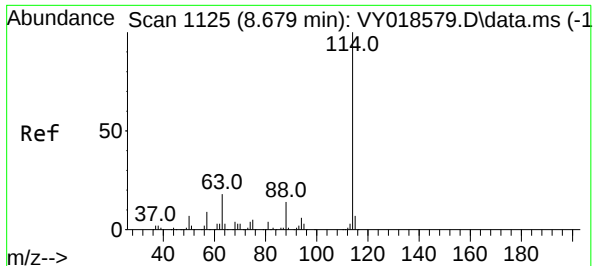
Tgt Ion: 43 Resp: 52499
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#



#33
1,2-Dichloroethane-d4
Concen: 41.241 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

Tgt Ion: 65 Resp: 49629
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018733.D

Acq: 28 Jun 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-325

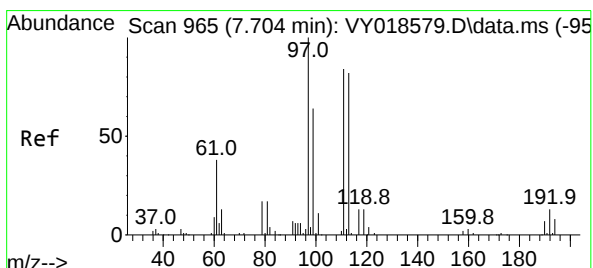
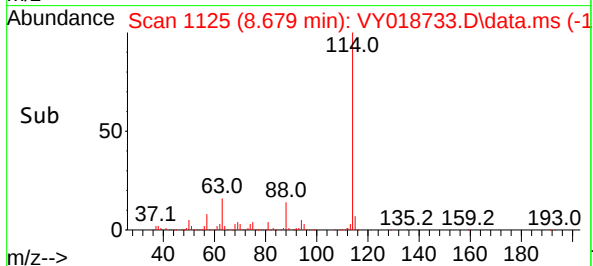
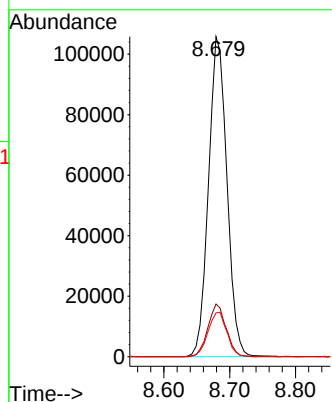
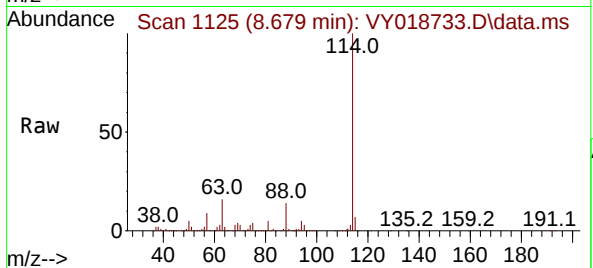
Tgt Ion:114 Resp: 206257

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.138 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018733.D

Acq: 28 Jun 2024 17:02

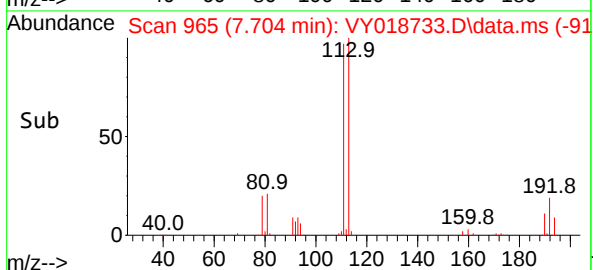
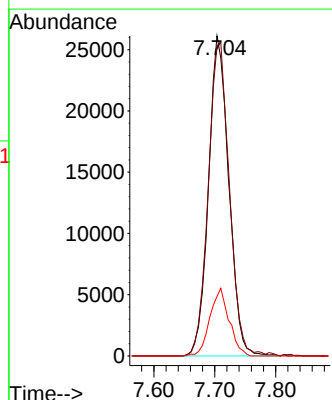
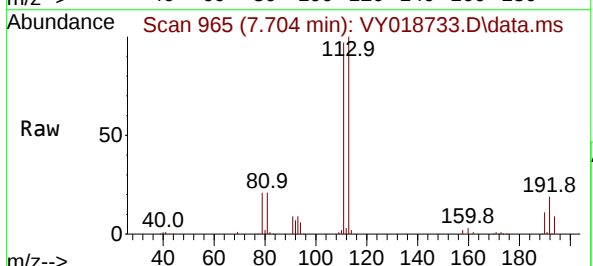
Tgt Ion:113 Resp: 60568

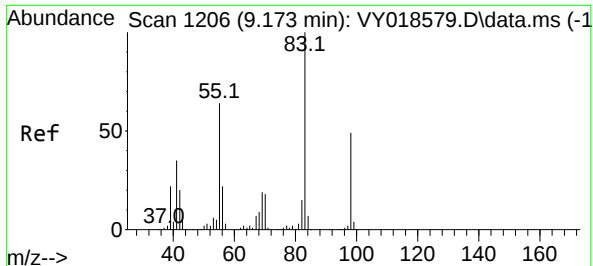
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.0 15.9 23.9





#39

Methylcyclohexane

Concen: 1.034 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY018733.D

Acq: 28 Jun 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-325

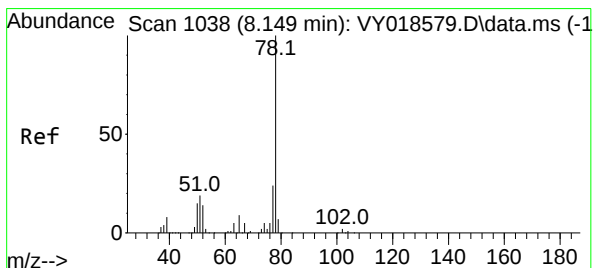
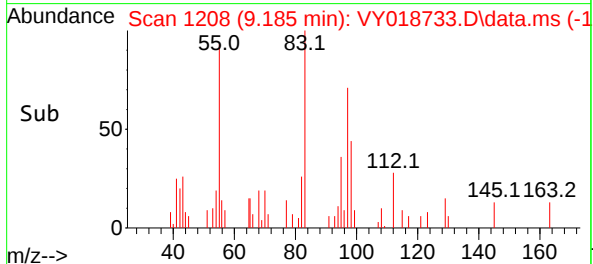
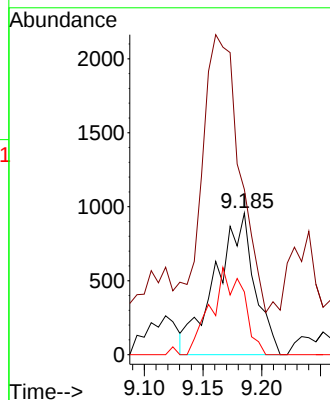
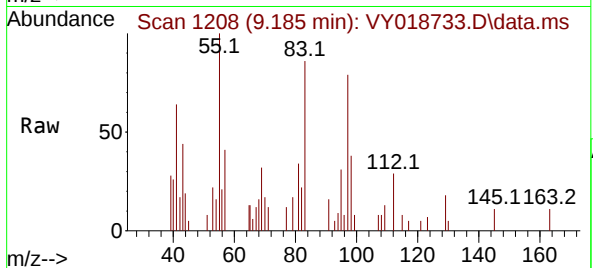
Tgt Ion: 83 Resp: 2195

Ion Ratio Lower Upper

83 100

55 85.3 51.5 77.3#

98 44.3 40.5 60.7



#40

Benzene

Concen: 1.786 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY018733.D

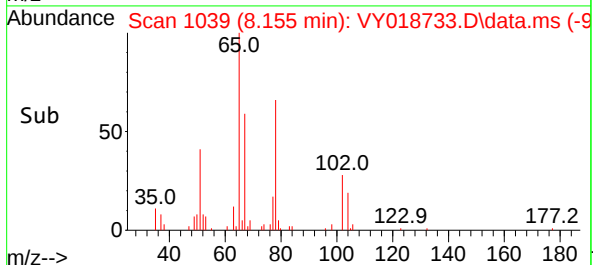
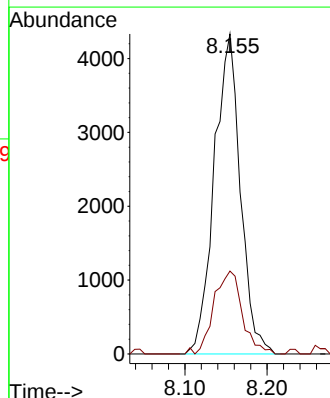
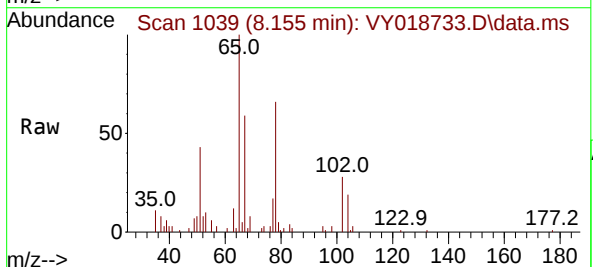
Acq: 28 Jun 2024 17:02

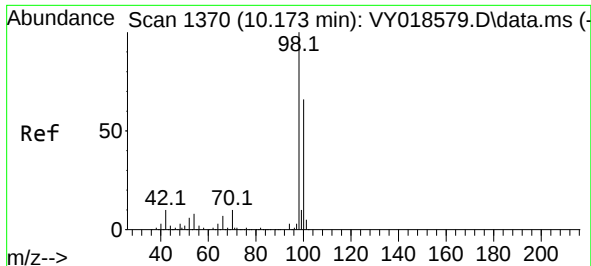
Tgt Ion: 78 Resp: 9568

Ion Ratio Lower Upper

78 100

77 25.9 19.5 29.3

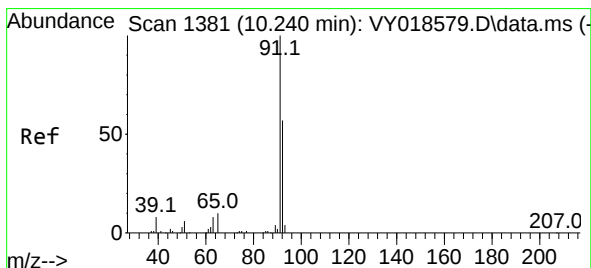
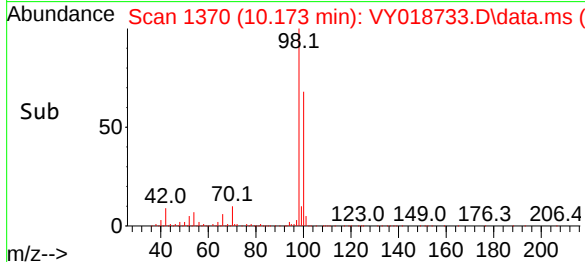
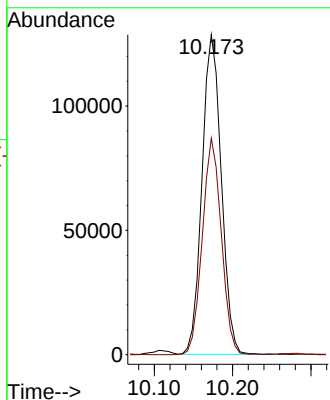
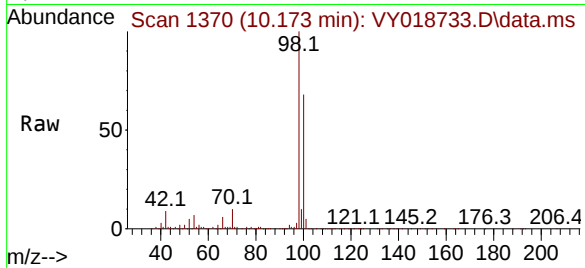




#50
Toluene-d8
Concen: 45.343 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

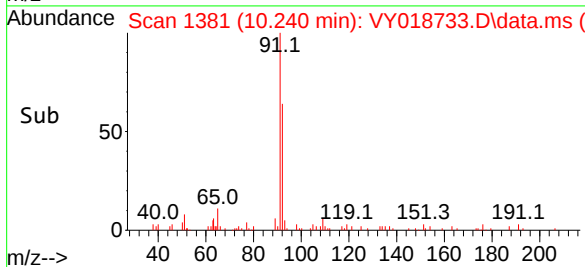
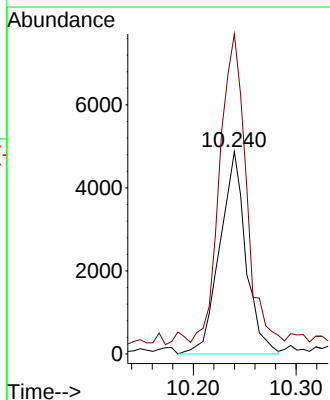
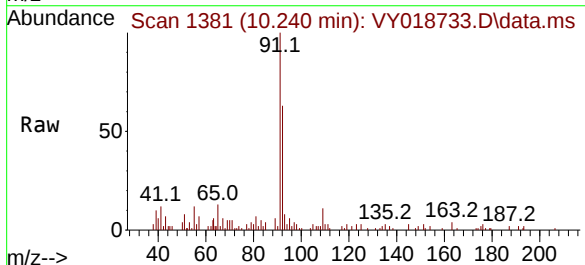
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-325

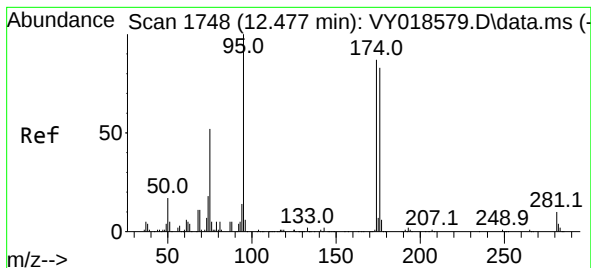
Tgt Ion: 98 Resp: 219397
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#52
Toluene
Concen: 2.501 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

Tgt Ion: 92 Resp: 8599
Ion Ratio Lower Upper
92 100
91 153.3 139.0 208.6

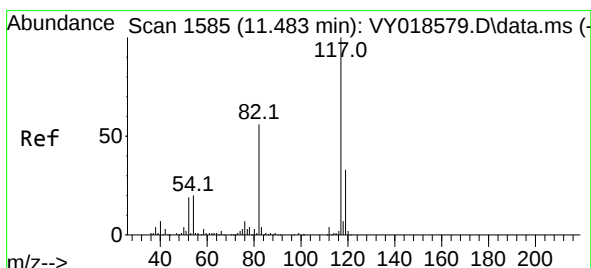
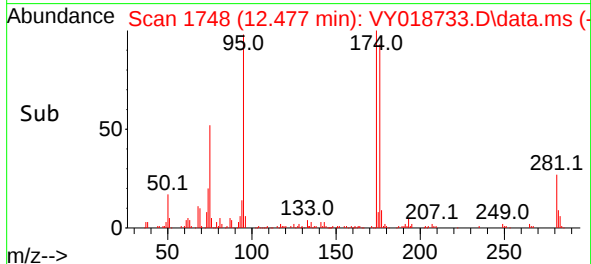
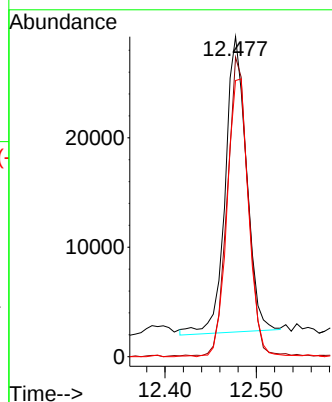
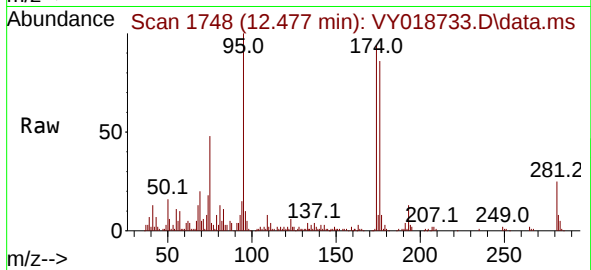




#62
4-Bromofluorobenzene
Concen: 28.509 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

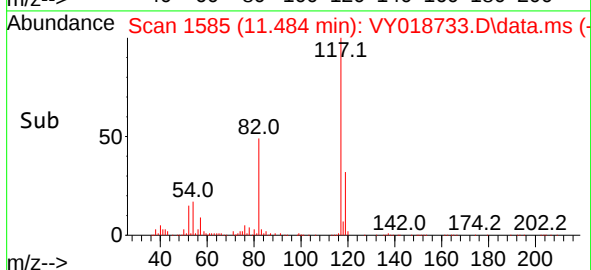
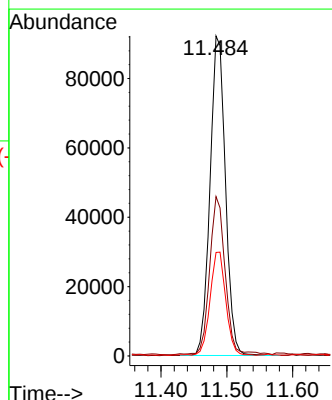
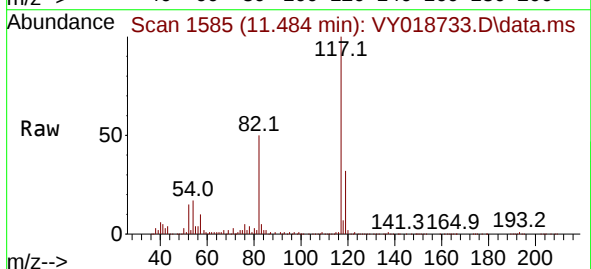
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-325

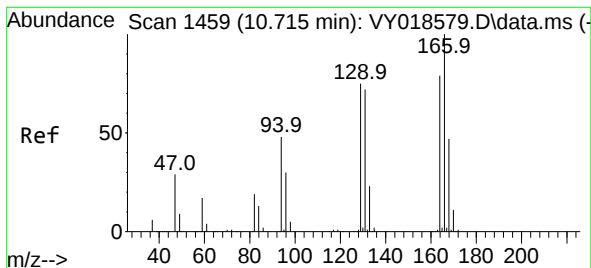
Tgt Ion:	95	Resp:	43559
Ion Ratio	Lower	Upper	
95	100		
174	99.2	0.0	175.6
176	96.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

Tgt Ion:	117	Resp:	150412
Ion Ratio	Lower	Upper	
117	100		
82	49.2	42.4	63.6
119	32.1	25.9	38.9





#64

Tetrachloroethene

Concen: 6.431 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018733.D

Acq: 28 Jun 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-325

Tgt Ion:164 Resp: 6899

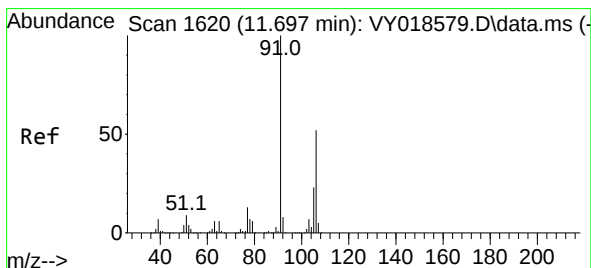
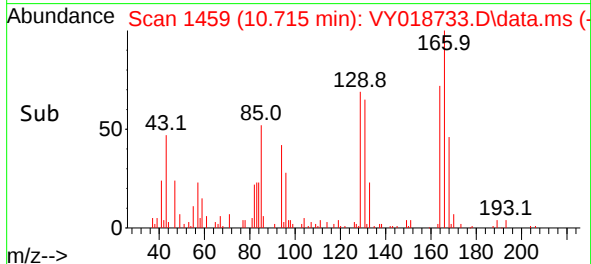
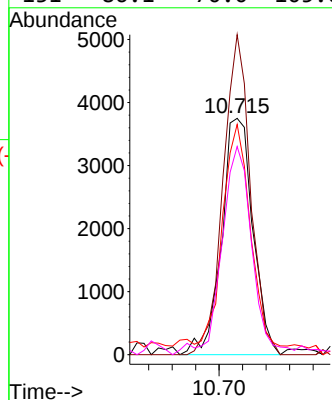
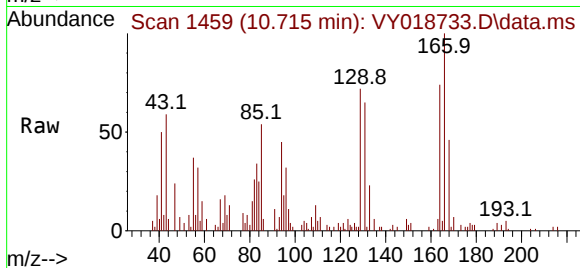
Ion Ratio Lower Upper

164 100

166 135.4 102.6 154.0

129 93.7 72.0 108.0

131 86.1 70.0 105.0



#68

m/p-Xylenes

Concen: 2.635 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018733.D

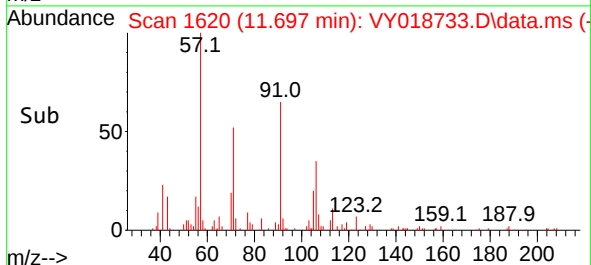
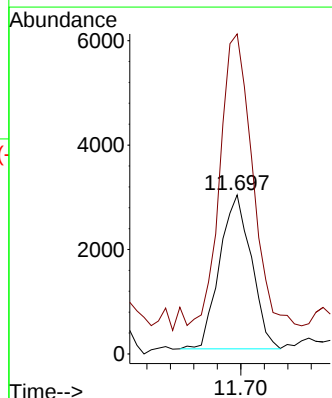
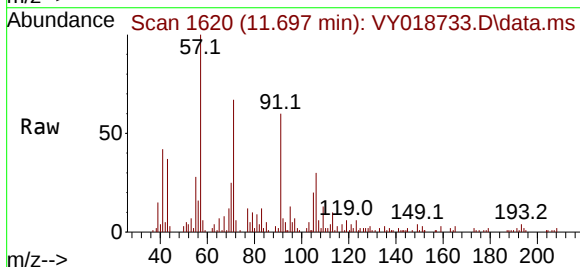
Acq: 28 Jun 2024 17:02

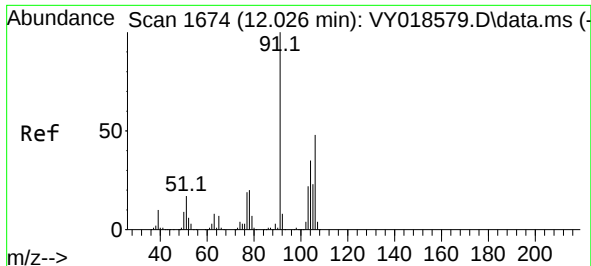
Tgt Ion:106 Resp: 5528

Ion Ratio Lower Upper

106 100

91 195.4 156.0 234.0

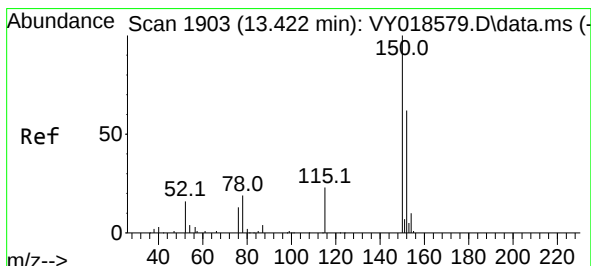
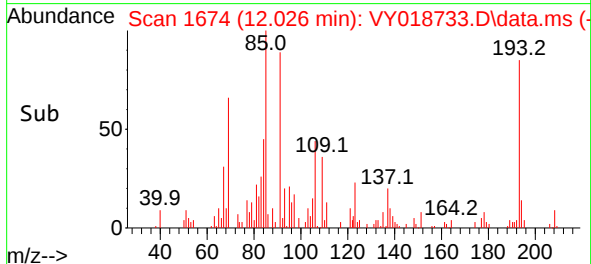
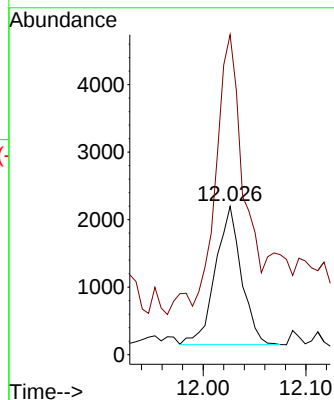
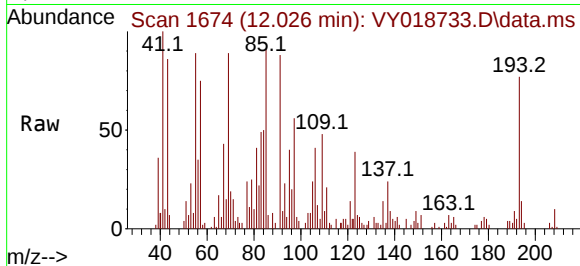




#69
o-Xylene
Concen: 1.784 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-325

Tgt Ion:106 Resp: 3600
Ion Ratio Lower Upper
106 100
91 198.6 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018733.D
Acq: 28 Jun 2024 17:02

Tgt Ion:152 Resp: 30388
Ion Ratio Lower Upper
152 100
115 44.1 28.2 84.7
150 130.5 0.0 345.6

