

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017827.D
 Acq On : 03 Apr 2024 11:25
 Operator : SY/MD
 Sample : P1958-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: Apr 04 01:09:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

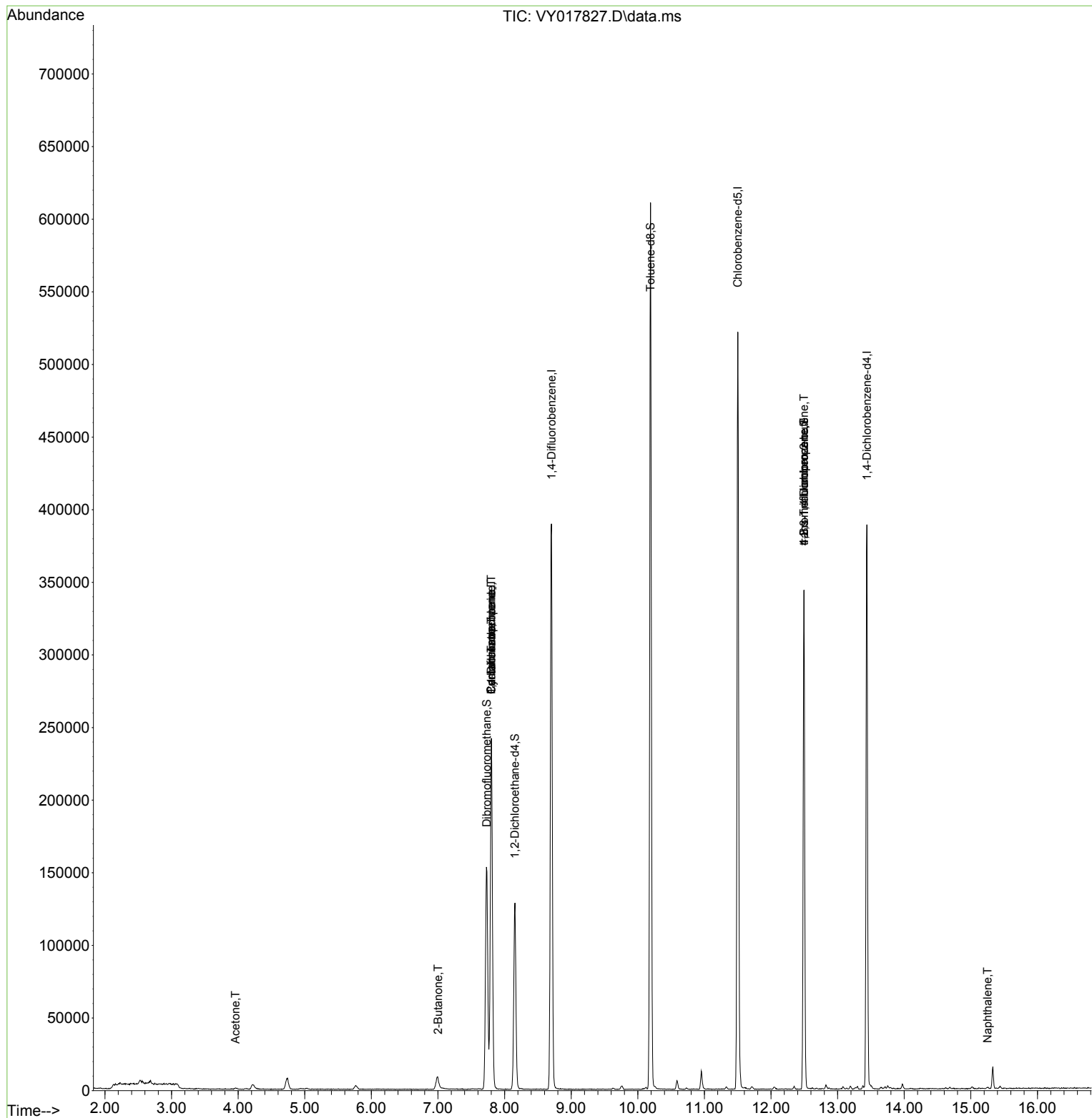
Internal Standards						
1) Pentafluorobenzene	7.801	168	192504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	349174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	293794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	98074	58.875	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.740%			
35) Dibromofluoromethane	7.734	113	112237	55.627	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.260%			
50) Toluene-d8	10.191	98	399991	53.071	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.495	95	99451	43.370	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.740%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	774	Below Cal	#	88
16) Acetone	3.960	43	1389	4.034	ug/l	97
25) 2-Butanone	7.002	43	525	1.070	ug/l #	41
31) Cyclohexane	7.801	56	3629	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14798	5.027	ug/l #	48
38) Carbon Tetrachloride	7.801	117	17750	5.808	ug/l #	16
41) Methacrylonitrile	7.289	41	19	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.081	43	452	Below Cal		89
59) 2-Hexanone	10.843	43	128	Below Cal	#	46
69) o-Xylene	12.044	106	314	Below Cal		91
70) Styrene	12.063	104	548	Below Cal		88
74) N-amyl acetate	12.160	43	181	Below Cal	#	67
76) 1,2,3-Trichloropropane	12.495	75	51761	56.205	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	51761	108.971	ug/l #	16
95) Naphthalene	15.251	128	1377	1.387	ug/l #	87

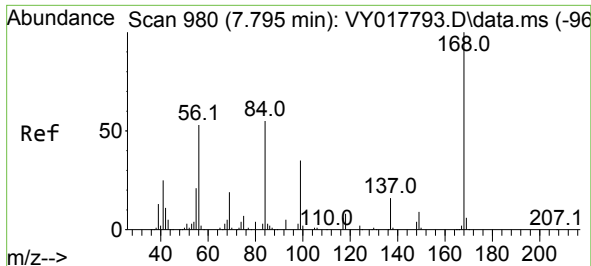
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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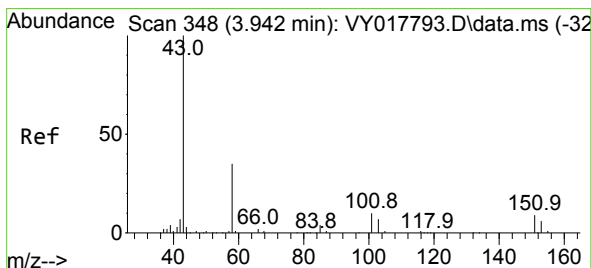
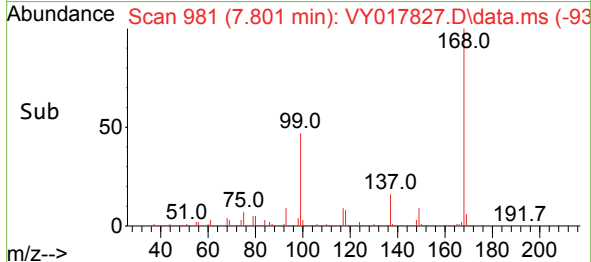
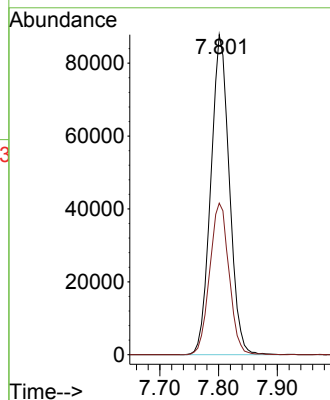
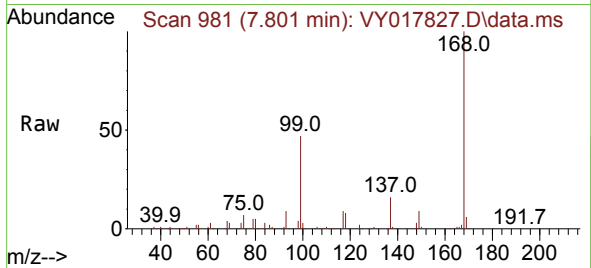




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

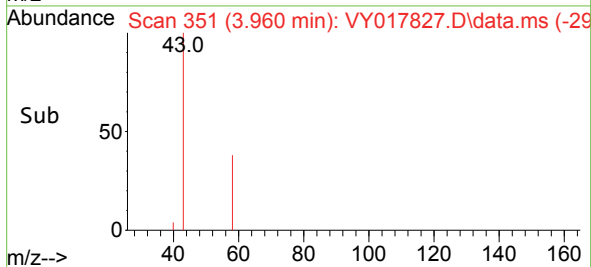
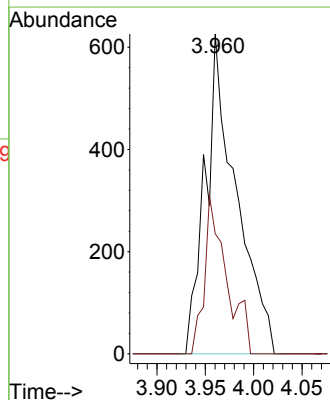
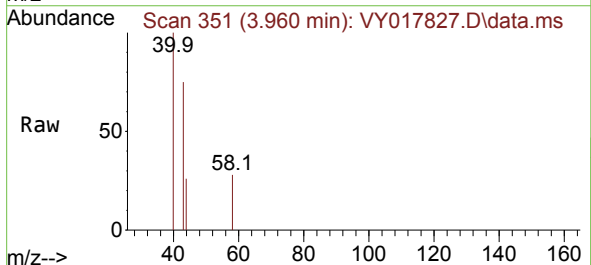
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

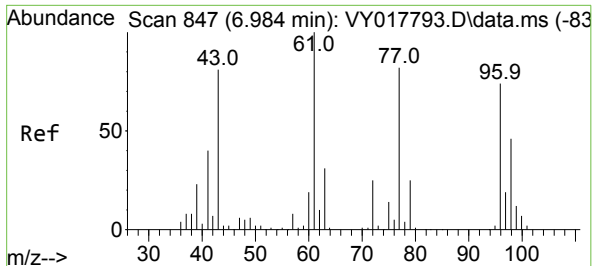
Tgt Ion:168 Resp: 192504
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#16
Acetone
Concen: 4.034 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 37.5 31.7 47.5





#25

2-Butanone

Concen: 1.070 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

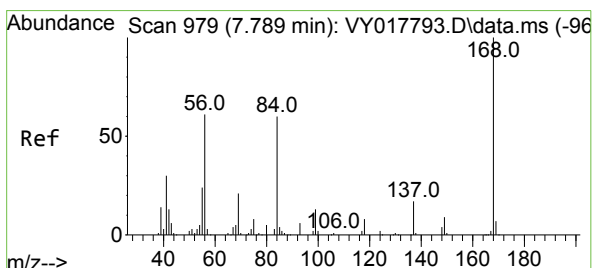
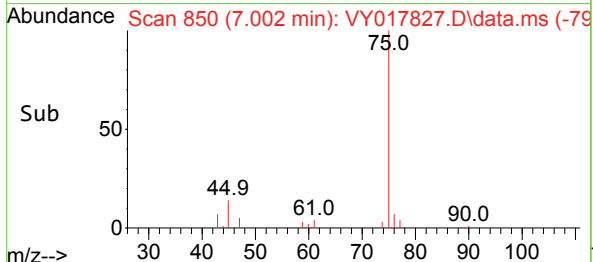
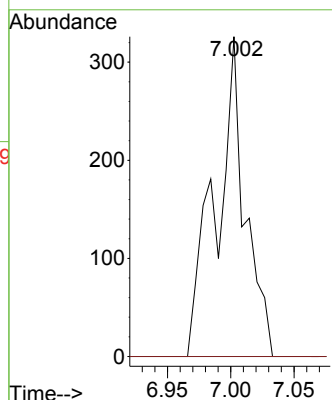
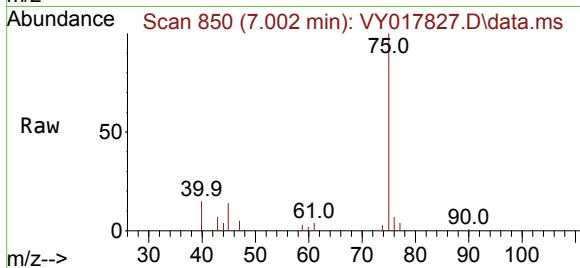
VNJ-207

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

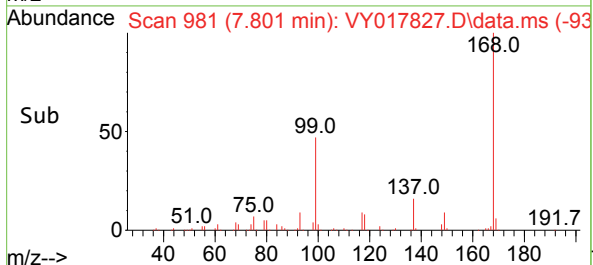
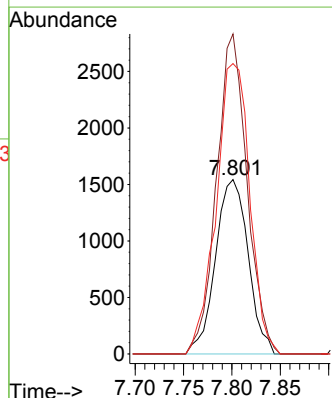
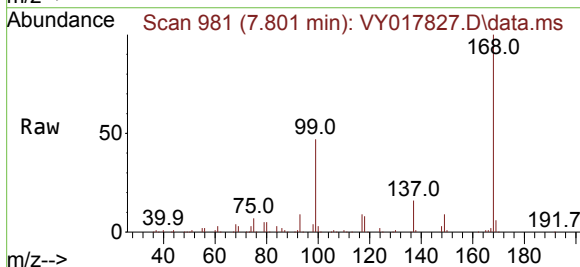
Tgt Ion: 56 Resp: 3629

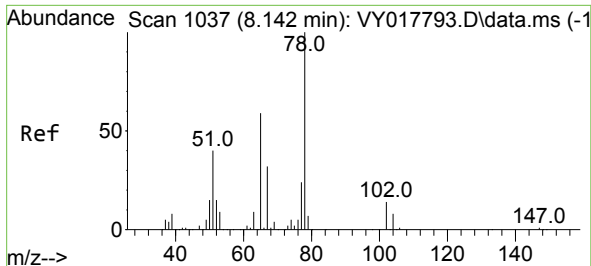
Ion Ratio Lower Upper

56 100

69 183.4 28.7 43.1#

84 166.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.875 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

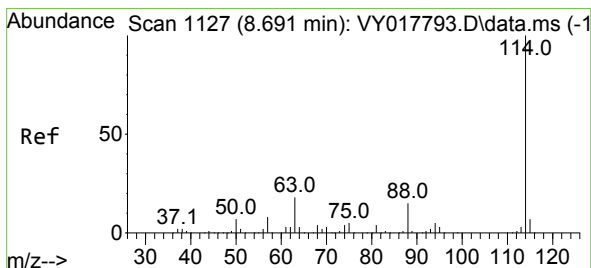
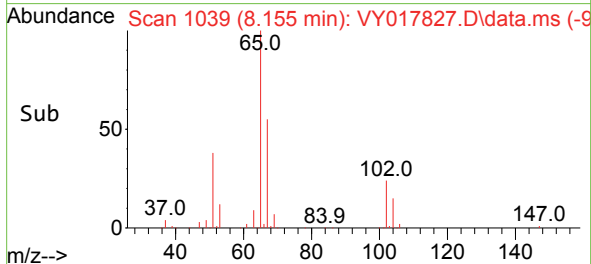
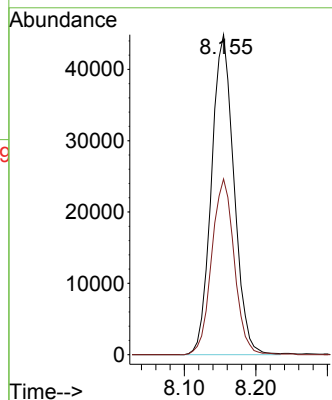
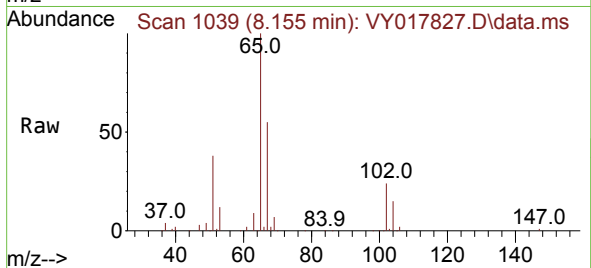
VNJ-207

Tgt Ion: 65 Resp: 98074

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

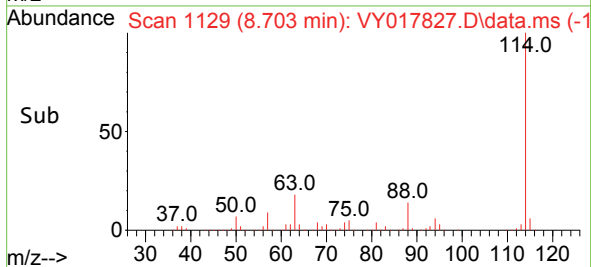
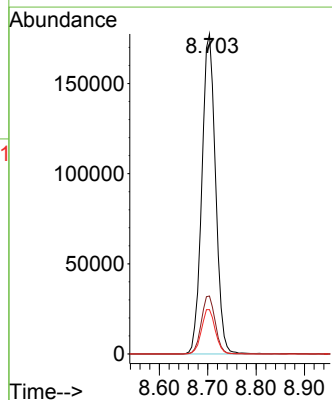
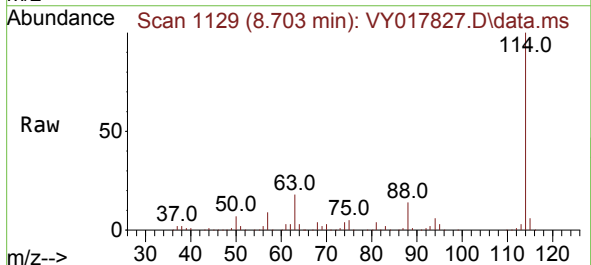
Tgt Ion: 114 Resp: 349174

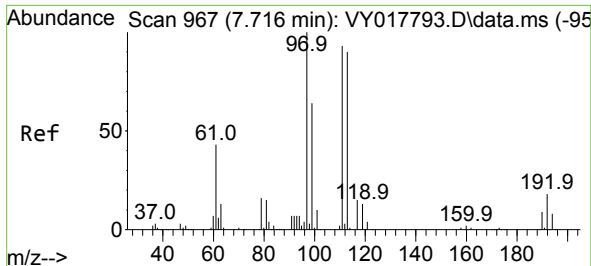
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.9 0.0 27.2

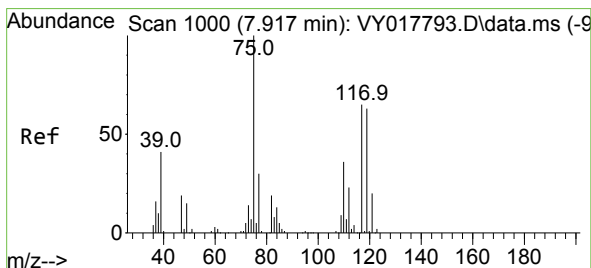
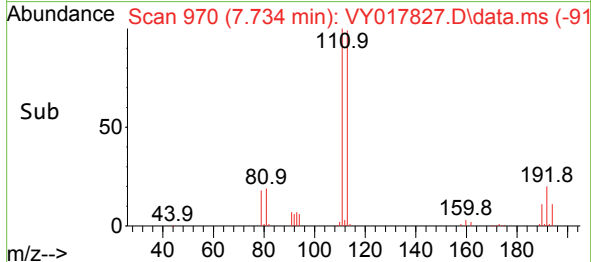
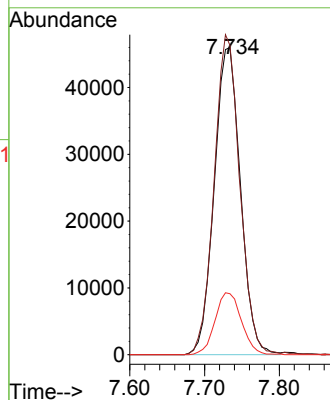
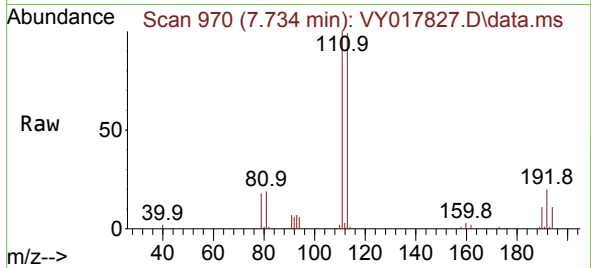




#35
Dibromofluoromethane
Concen: 55.627 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

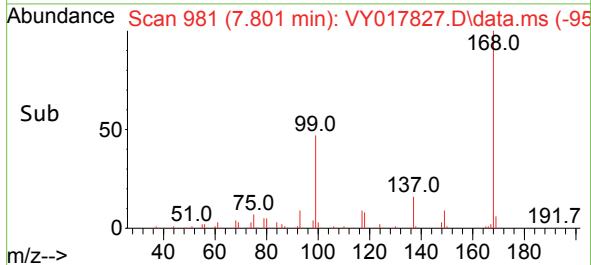
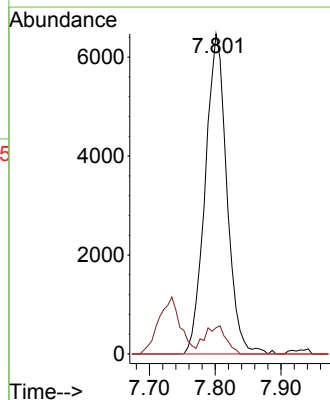
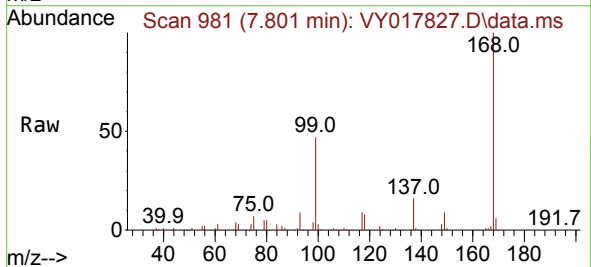
Instrument :
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ClientSampleId :
VNJ-207

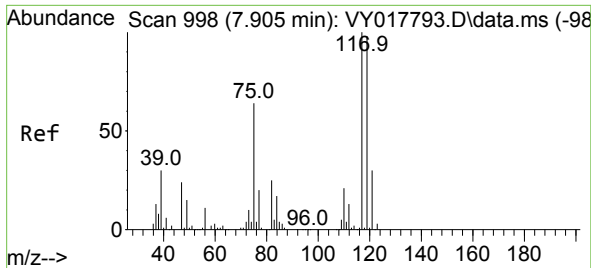
Tgt Ion:113 Resp: 112237
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion: 75 Resp: 14798
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#

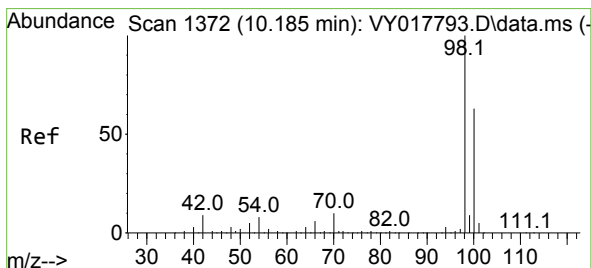
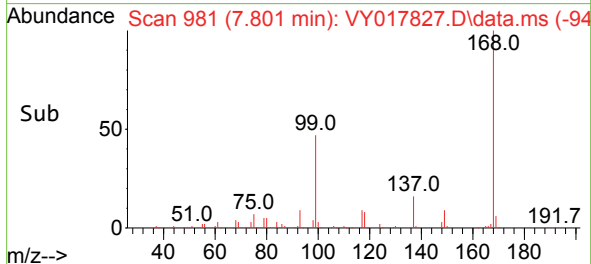
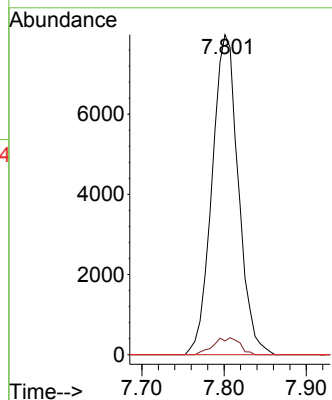
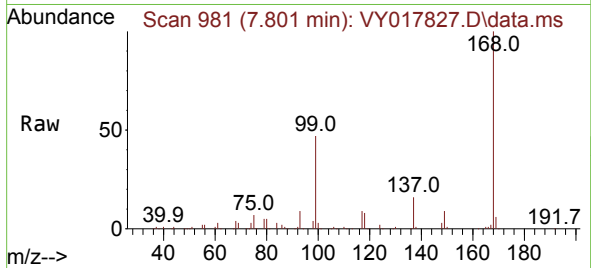




#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

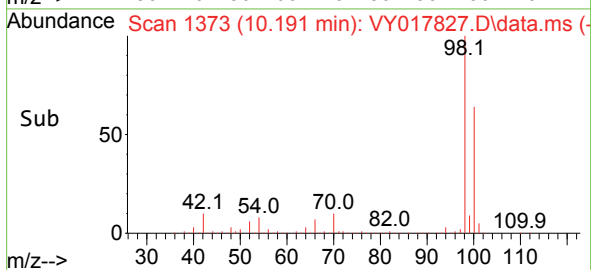
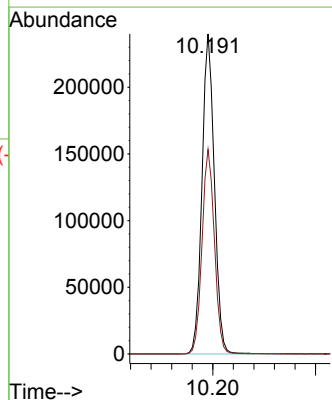
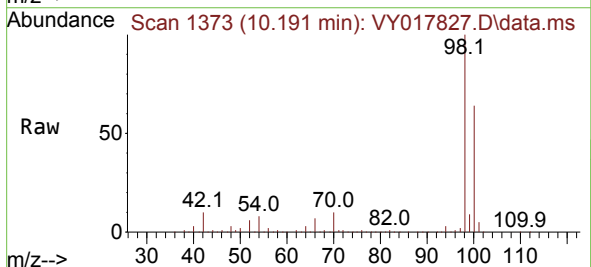
Instrument :
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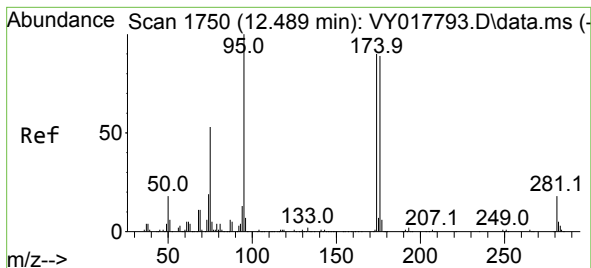
Tgt Ion:117 Resp: 17750
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.071 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion: 98 Resp: 399991
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

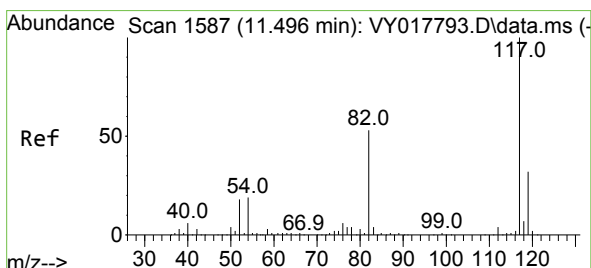
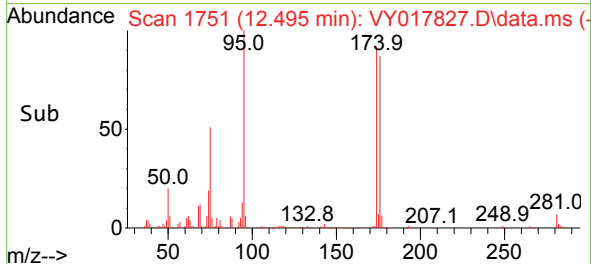
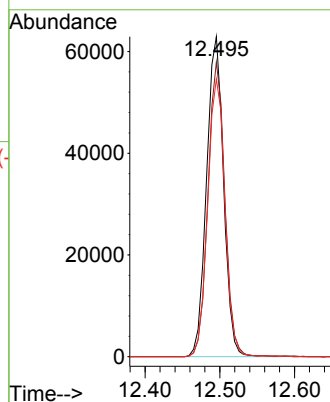
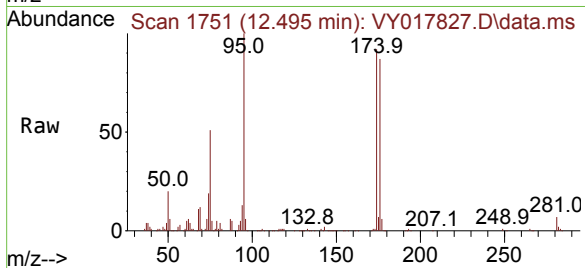




#62
4-Bromofluorobenzene
Concen: 43.370 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

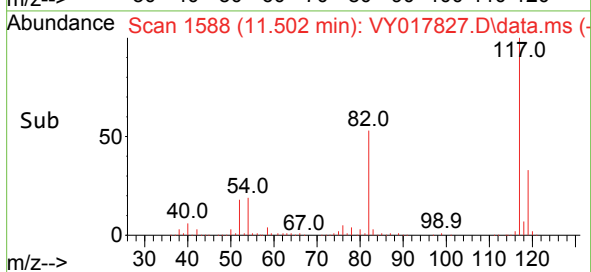
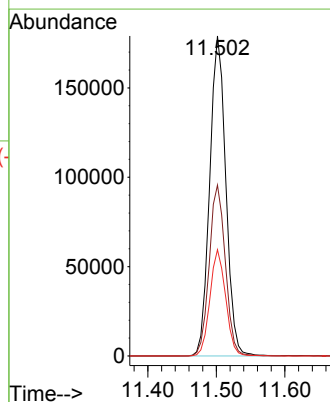
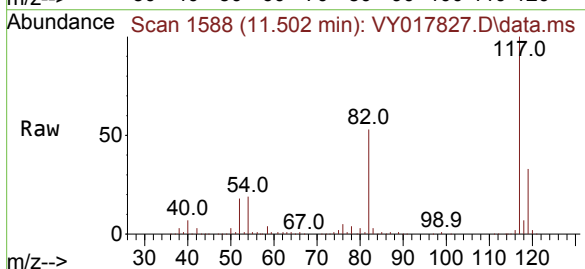
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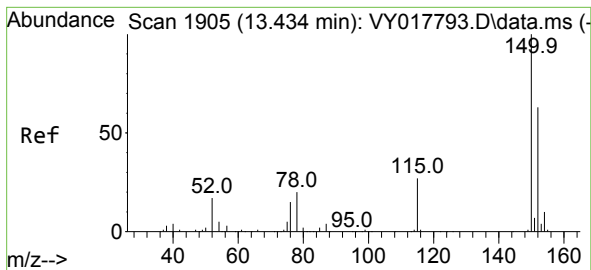
Tgt Ion: 95 Resp: 99451
Ion Ratio Lower Upper
95 100
174 91.7 0.0 175.6
176 87.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion: 117 Resp: 293794
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 33.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207

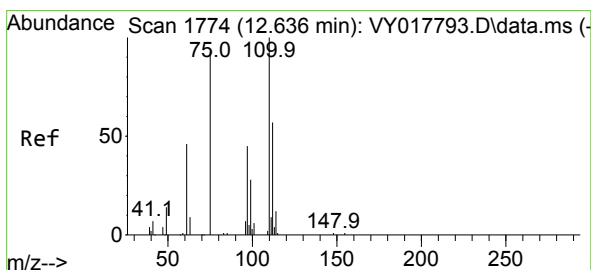
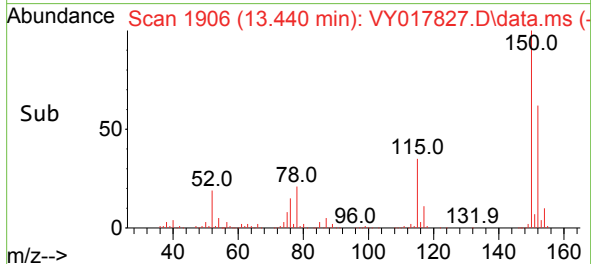
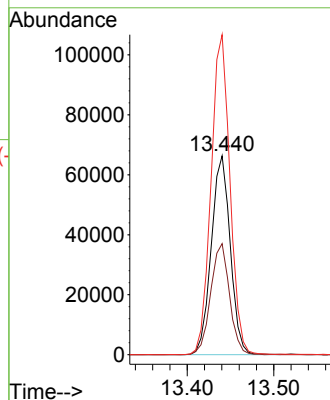
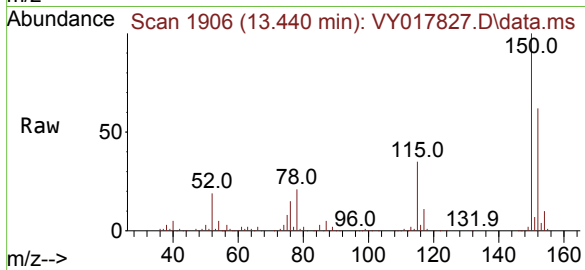
Tgt Ion:152 Resp: 101061

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 160.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 56.205 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017827.D

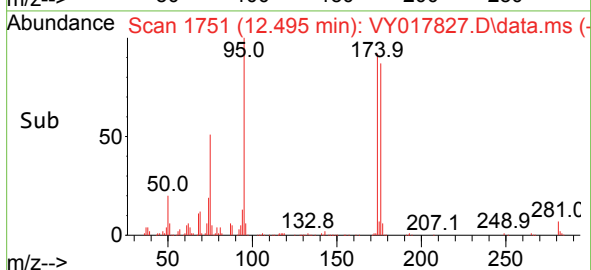
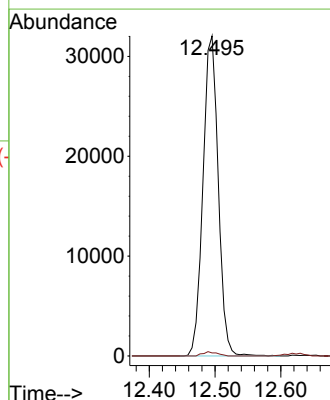
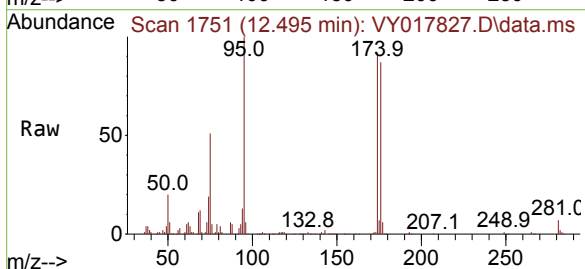
Acq: 03 Apr 2024 11:25

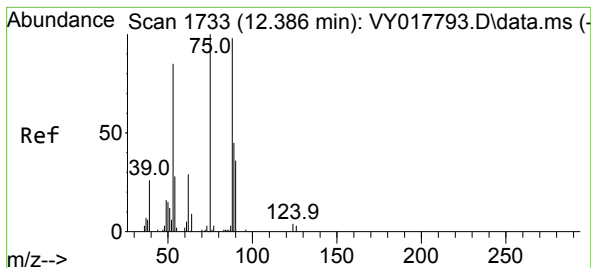
Tgt Ion: 75 Resp: 51761

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

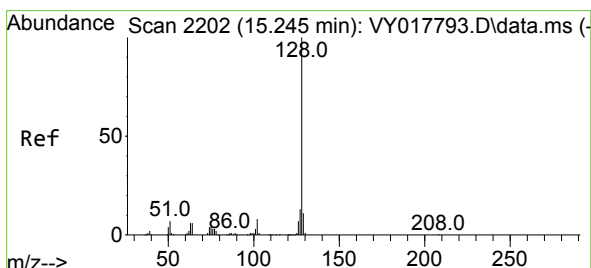
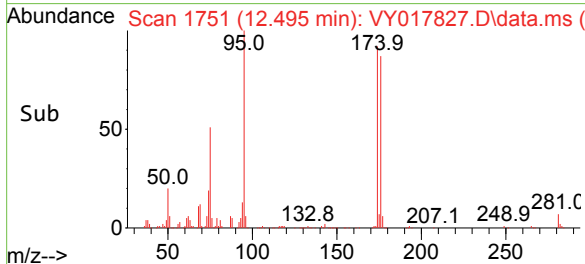
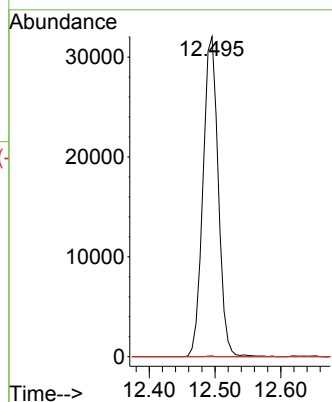
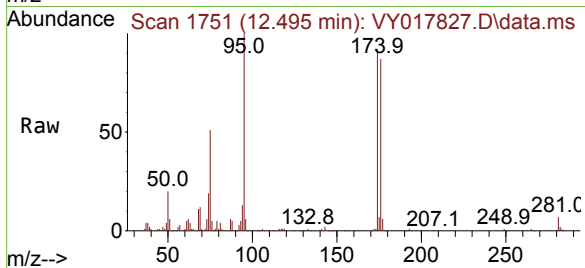




#81
trans-1,4-Dichloro-2-butene
Concen: 108.971 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

Tgt Ion: 75 Resp: 51761
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.387 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion:128 Resp: 1377
Ion Ratio Lower Upper
128 100
127 9.2 10.6 16.0#
129 4.6 8.6 13.0#

