

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017820.D
 Acq On : 02 Apr 2024 16:41
 Operator : SY/MD
 Sample : P1957-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NM-DRUMS-040224

Quant Time: Apr 03 02:04:47 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)

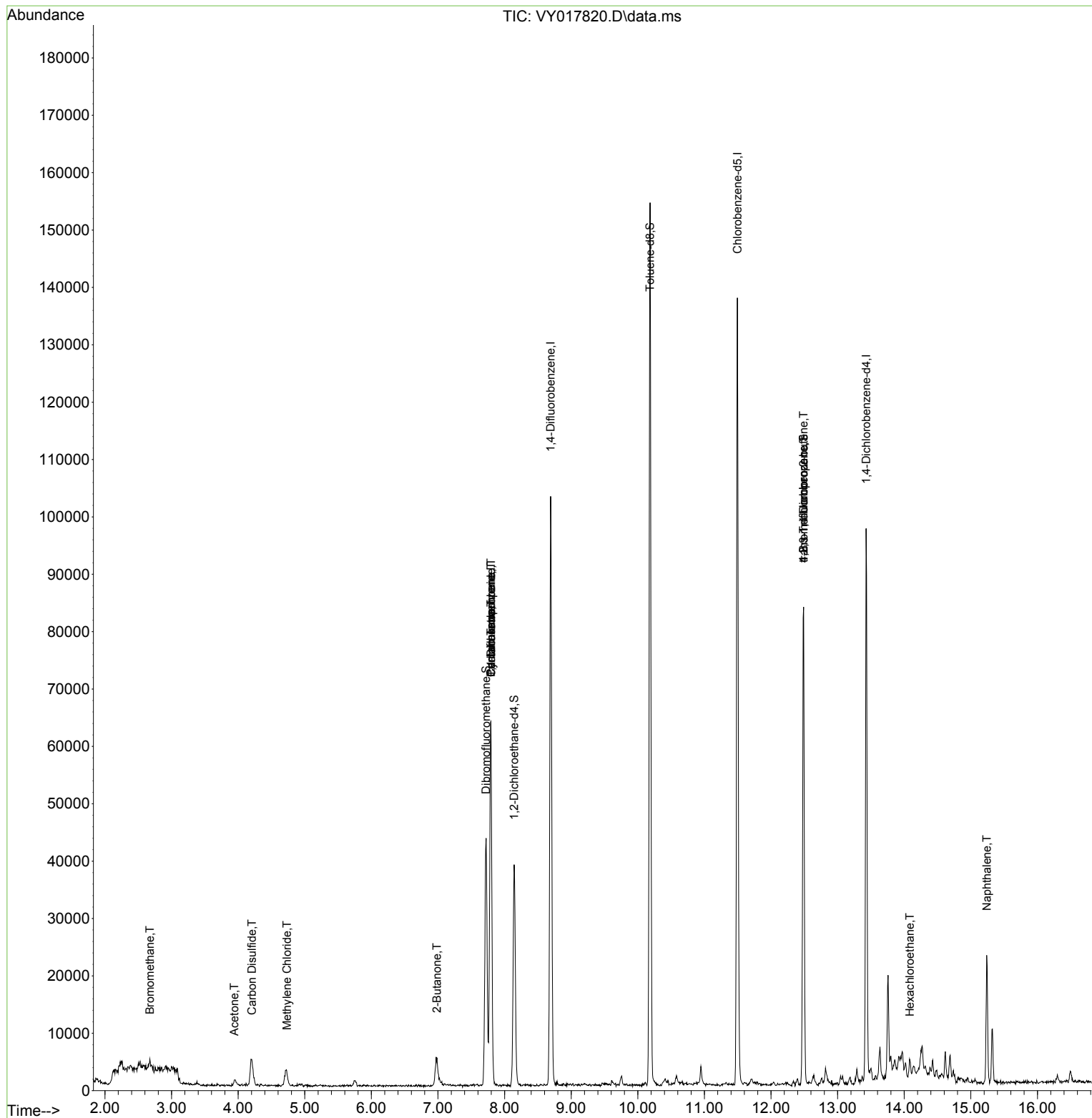
Internal Standards						
1) Pentafluorobenzene	7.795	168	49991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	87078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	75837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	30407	70.290	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.580%			
35) Dibromofluoromethane	7.721	113	30427	60.470	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.940%			
50) Toluene-d8	10.184	98	103564	55.100	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.489	95	24263	42.428	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.860%			
Target Compounds						Qvalue
5) Bromomethane	2.674	94	779	1.130	ug/l	82
11) Tert butyl alcohol	4.954	59	71	Below Cal	#	88
16) Acetone	3.942	43	1871	20.924	ug/l #	80
17) Carbon Disulfide	4.204	76	5203	3.940	ug/l	97
20) Methylene Chloride	4.734	84	2411	1.843	ug/l #	75
25) 2-Butanone	6.984	43	459	3.603	ug/l #	41
31) Cyclohexane	7.795	56	1109	1.455	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4418	6.018	ug/l #	45
38) Carbon Tetrachloride	7.795	117	4440	5.826	ug/l #	13
48) Methyl methacrylate	9.496	41	46	Below Cal	#	10
51) 4-Methyl-2-Pentanone	10.081	43	158	Below Cal	#	31
59) 2-Hexanone	10.947	43	84	Below Cal	#	19
69) o-Xylene	12.038	106	161	Below Cal	#	32
70) Styrene	12.056	104	160	Below Cal	#	35
74) N-amyl acetate	12.105	43	25	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.489	75	13637	59.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	13637	113.865	ug/l #	16
90) Hexachloroethane	14.086	117	1407	4.514	ug/l #	12
95) Naphthalene	15.238	128	18116	31.894	ug/l	98

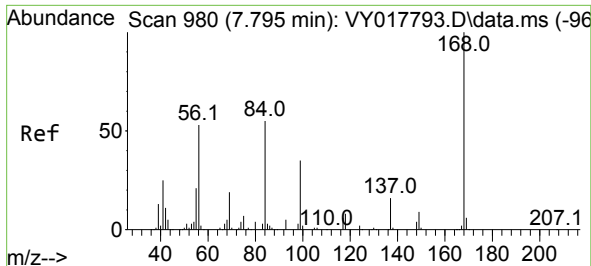
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

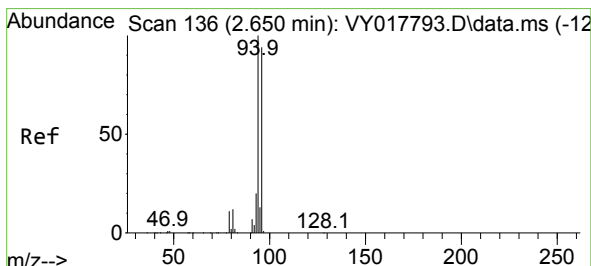
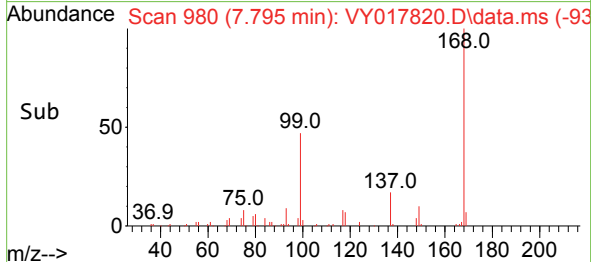
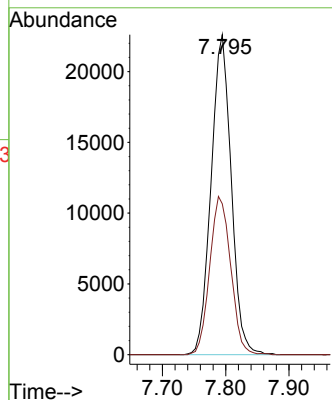
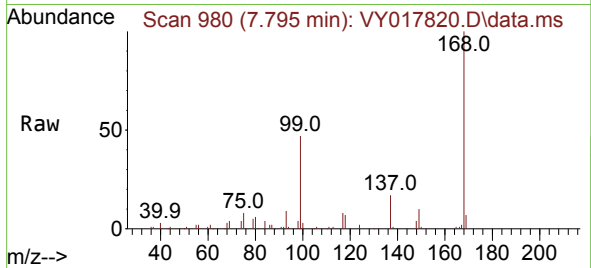




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

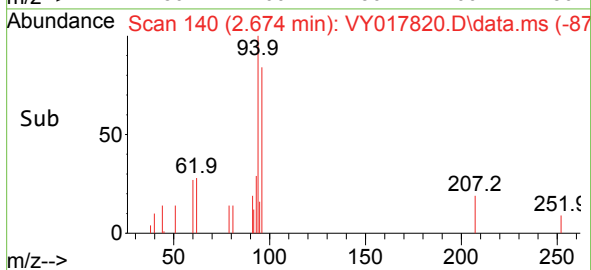
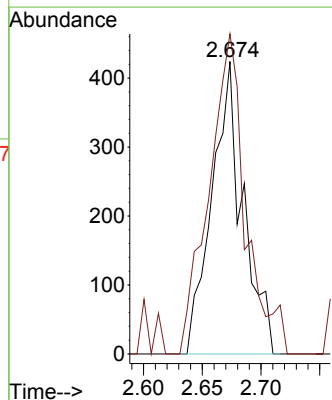
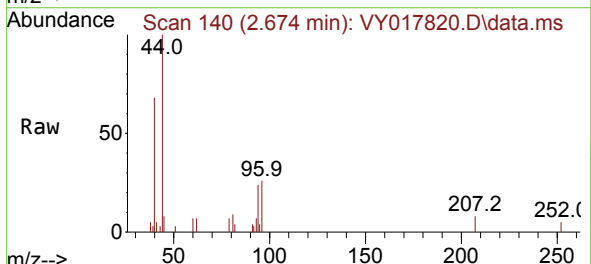
Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224

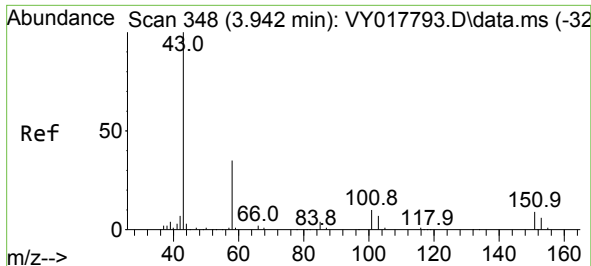
Tgt Ion:168 Resp: 49991
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#5
Bromomethane
Concen: 1.130 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion: 94 Resp: 779
Ion Ratio Lower Upper
94 100
96 109.4 74.1 111.1

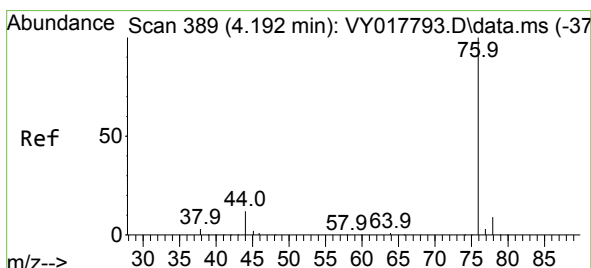
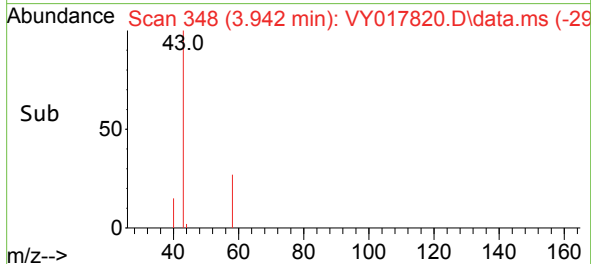
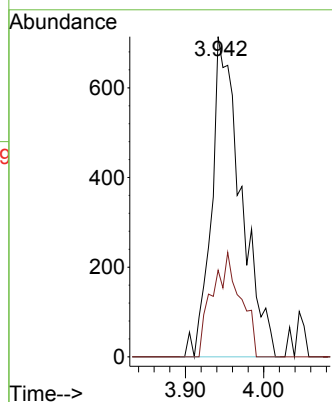
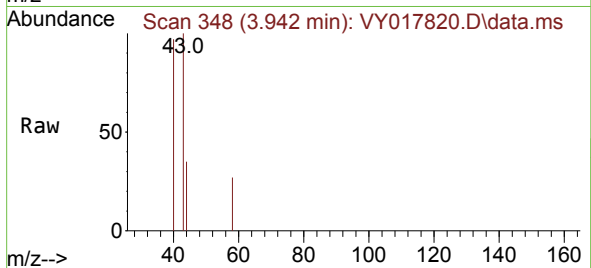




#16
Acetone
Concen: 20.924 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

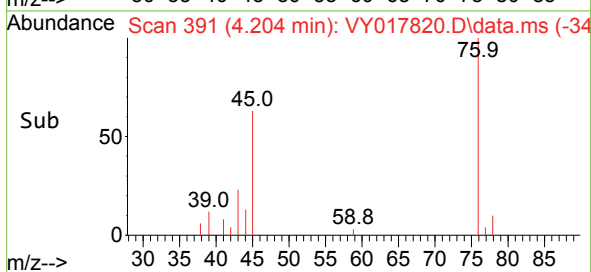
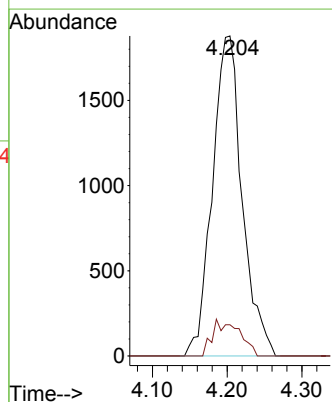
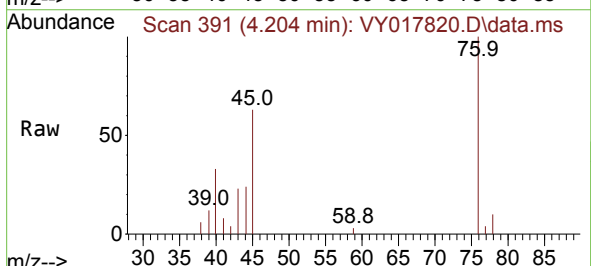
Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224

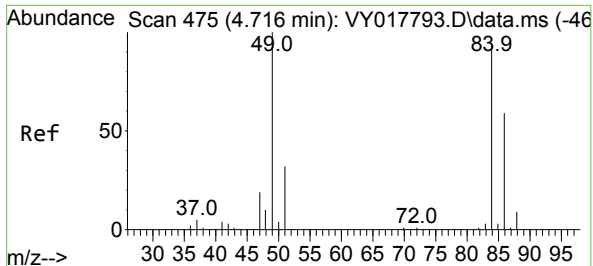
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 27.0 31.7 47.5#



#17
Carbon Disulfide
Concen: 3.940 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion: 76 Resp: 5203
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2





#20

Methylene Chloride

Concen: 1.843 ug/l

RT: 4.734 min Scan# 41

Delta R.T. 0.018 min

Lab File: VY017820.D

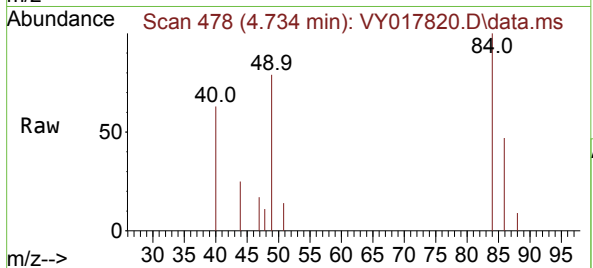
Acq: 02 Apr 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

NM-DRUMS-040224



Tgt Ion: 84 Resp: 2411

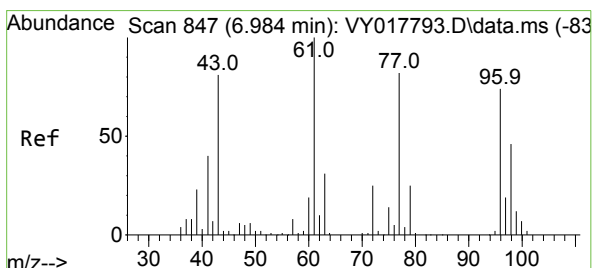
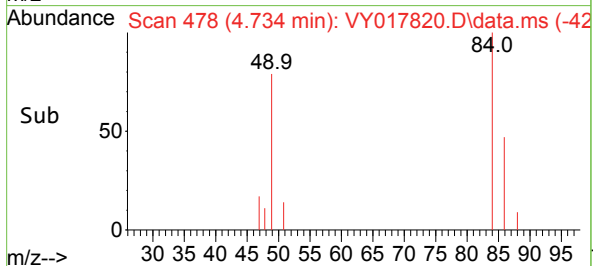
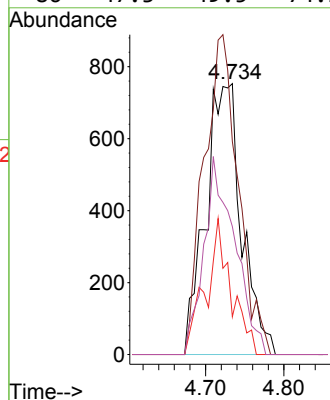
Ion Ratio Lower Upper

84 100

49 78.6 84.4 126.6#

51 13.9 26.0 39.0#

86 47.3 49.5 74.3#



#25

2-Butanone

Concen: 3.603 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017820.D

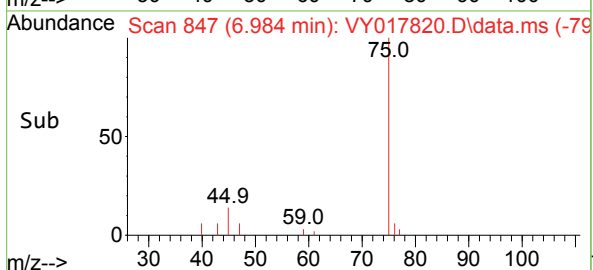
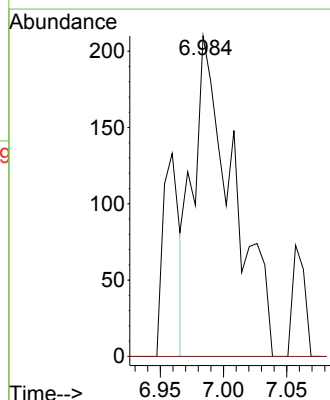
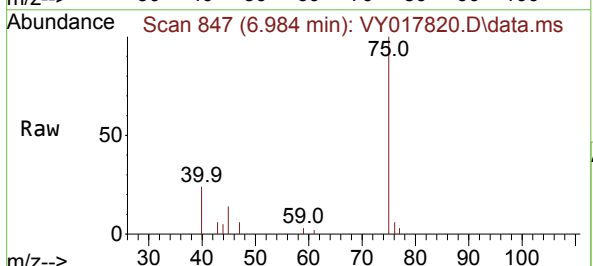
Acq: 02 Apr 2024 16:41

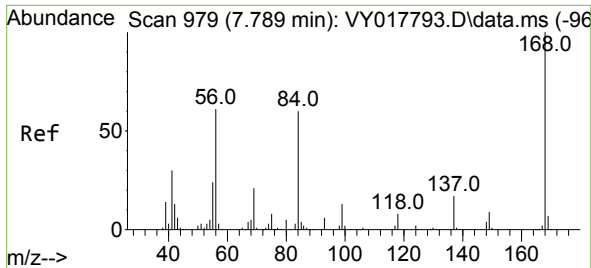
Tgt Ion: 43 Resp: 459

Ion Ratio Lower Upper

43 100

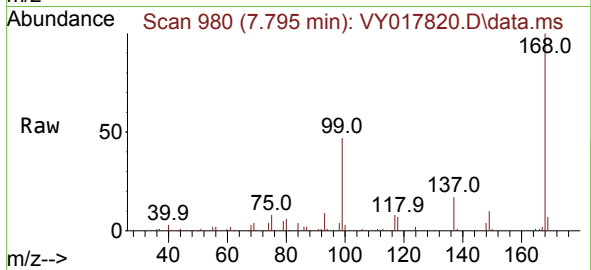
72 0.0 27.3 40.9#



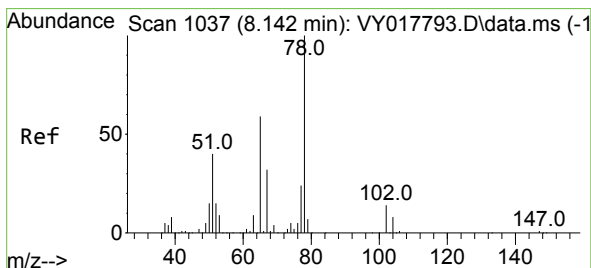
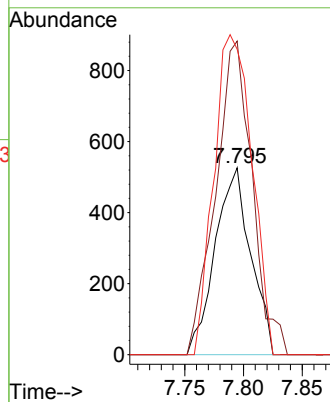
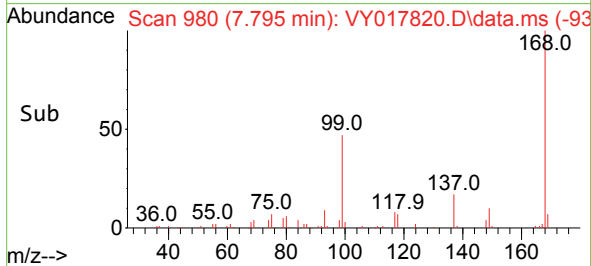


#31
Cyclohexane
Concen: 1.455 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224

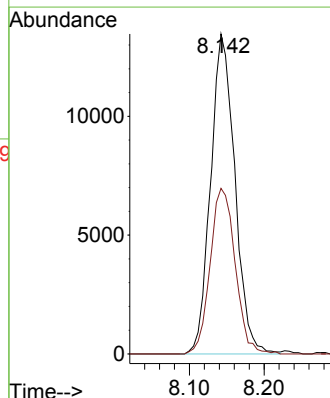
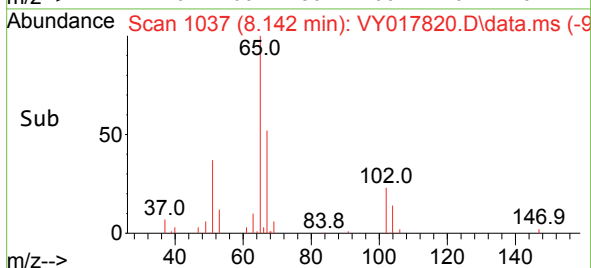
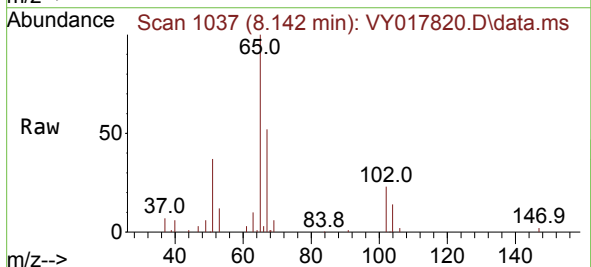


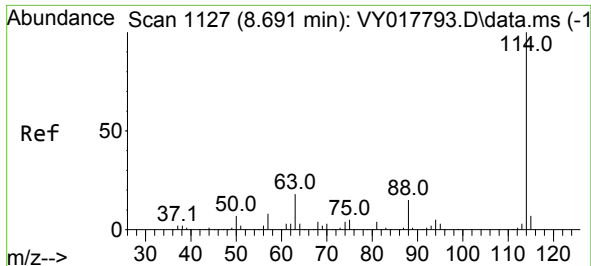
Tgt Ion: 56 Resp: 1109
Ion Ratio Lower Upper
56 100
69 167.9 28.7 43.1#
84 163.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 70.290 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion: 65 Resp: 30407
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

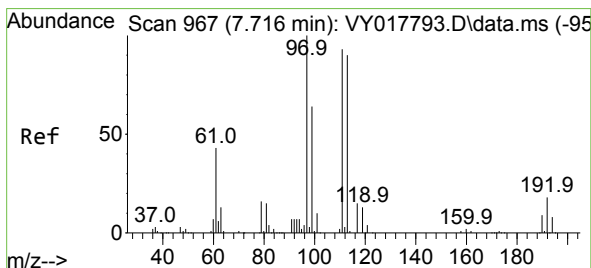
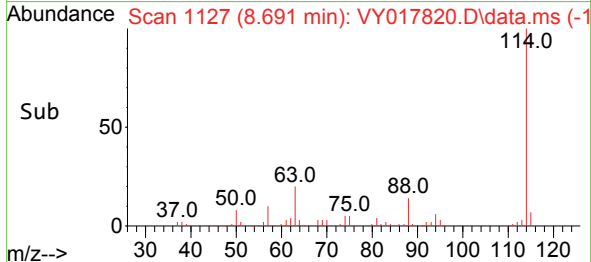
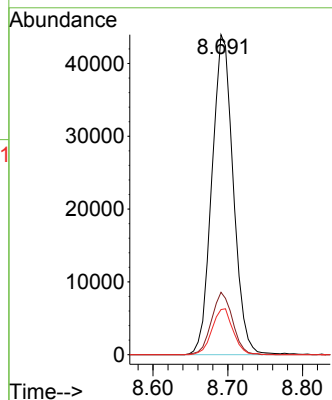
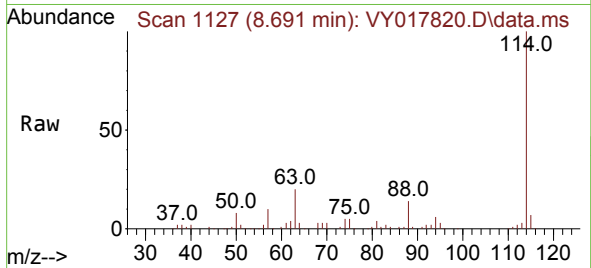




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

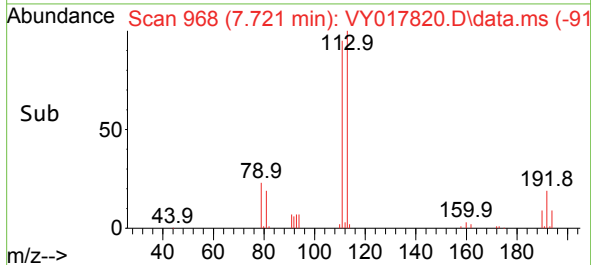
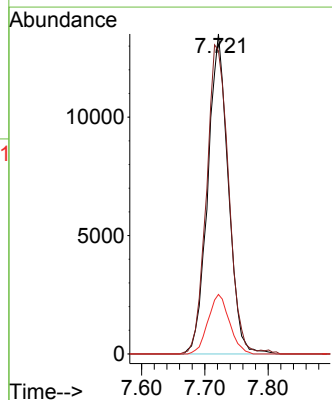
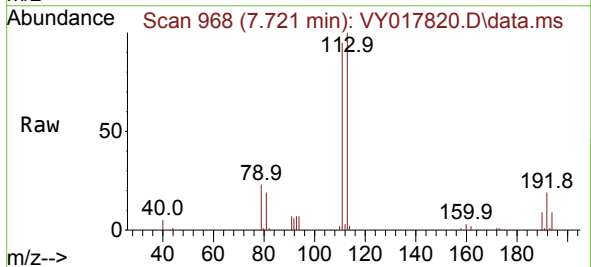
Instrument :
MSVOA_Y
ClientSampleId :
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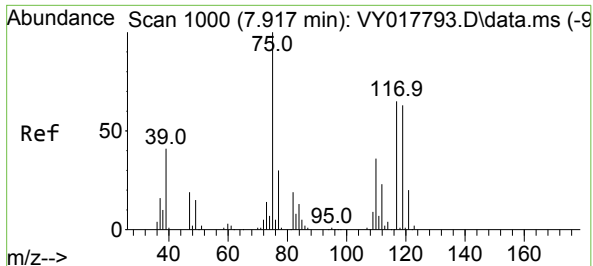
Tgt Ion:114 Resp: 87078
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 60.470 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion:113 Resp: 30427
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.4 15.9 23.9

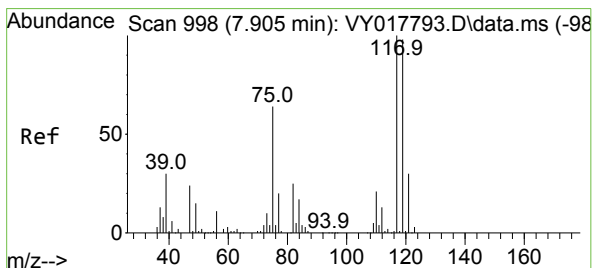
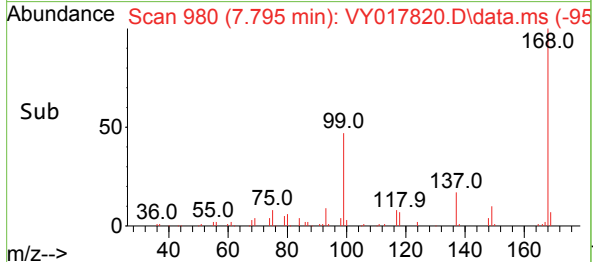
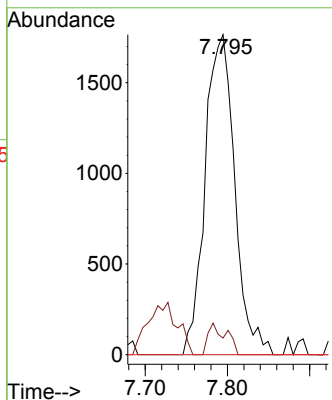
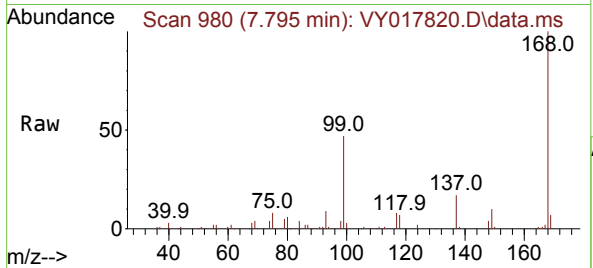




#36
 1,1-Dichloropropene
 Concen: 6.018 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY017820.D
 Acq: 02 Apr 2024 16:41

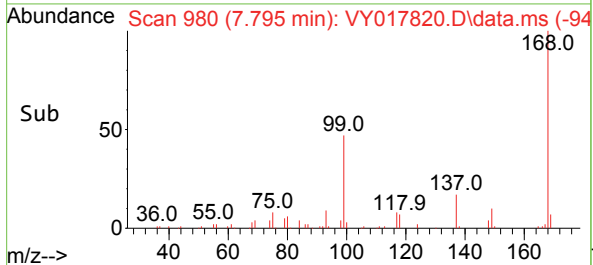
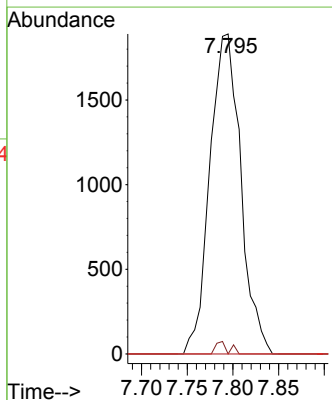
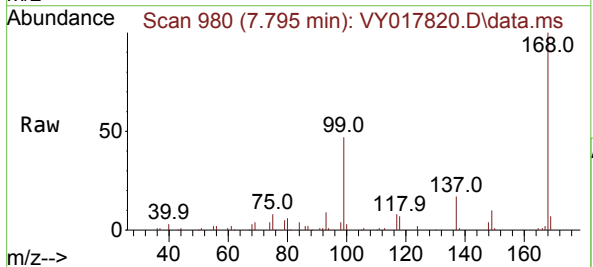
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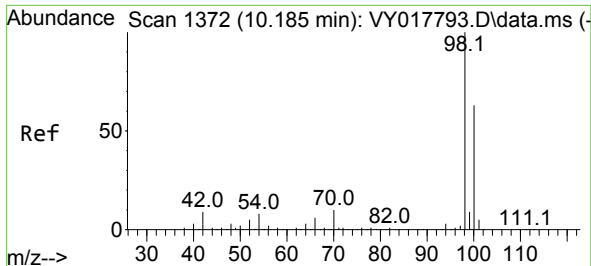
Tgt Ion: 75 Resp: 4418
 Ion Ratio Lower Upper
 75 100
 110 6.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.826 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY017820.D
 Acq: 02 Apr 2024 16:41

Tgt Ion: 117 Resp: 4440
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.6#
 121 0.0 24.0 36.0#

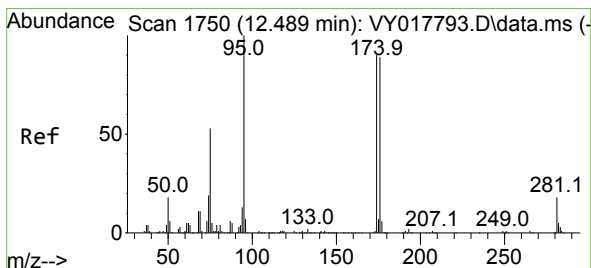
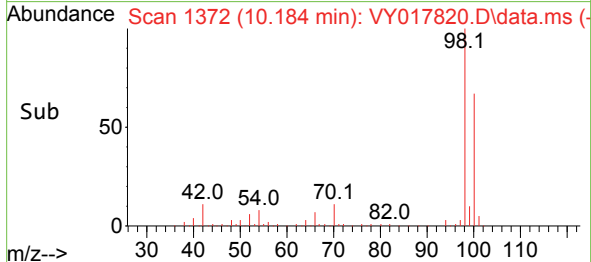
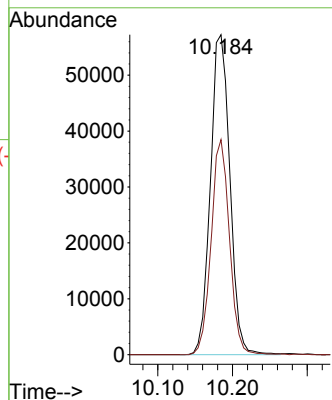
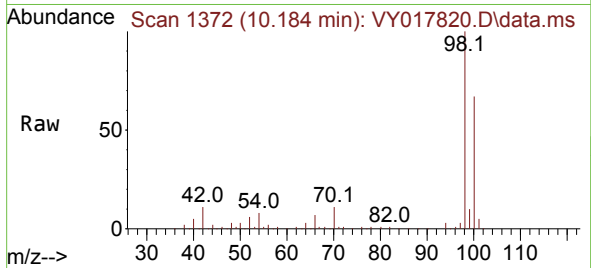




#50
Toluene-d8
Concen: 55.100 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

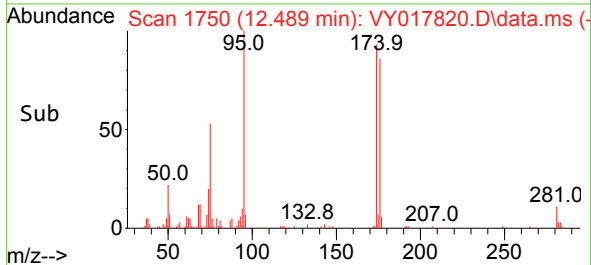
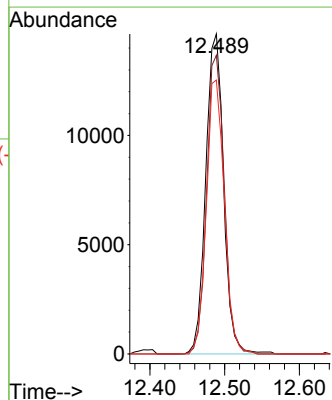
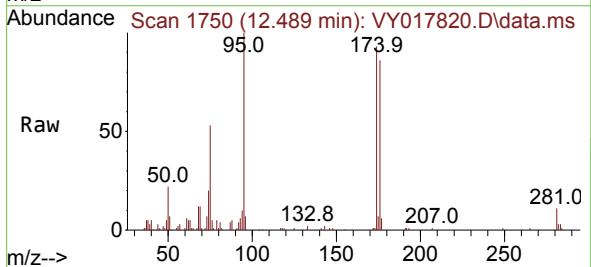
Instrument :
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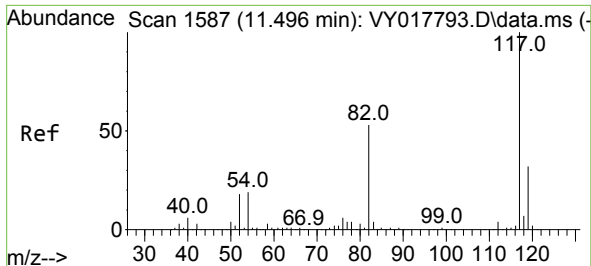
Tgt Ion: 98 Resp: 103564
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.428 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion: 95 Resp: 24263
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 86.8 0.0 171.4

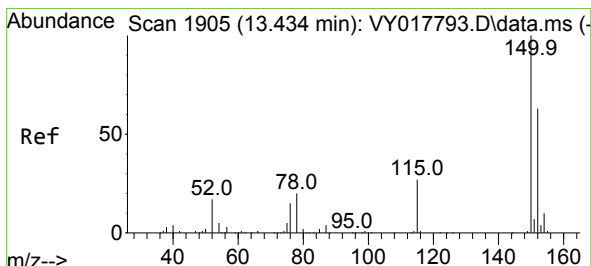
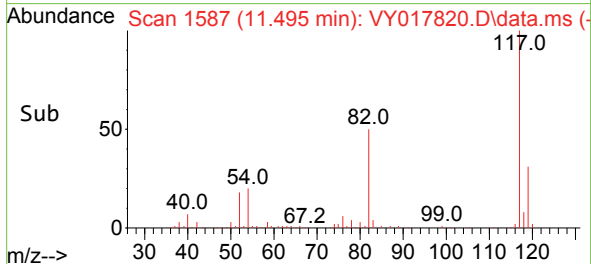
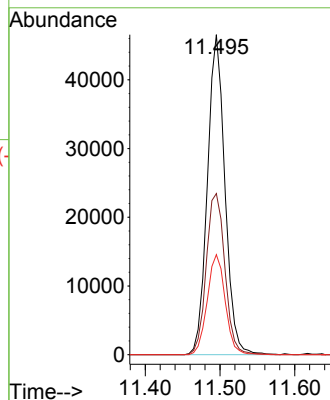
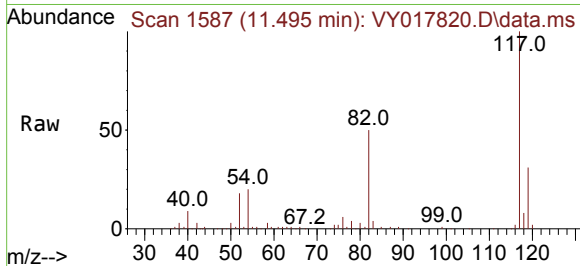




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

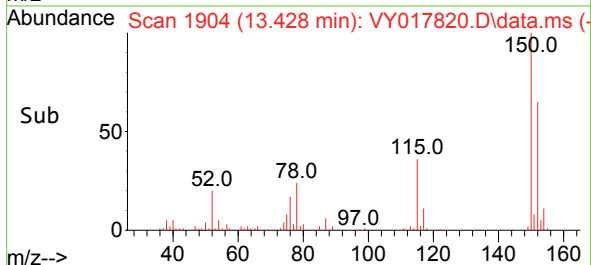
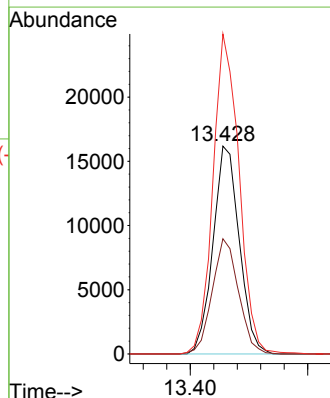
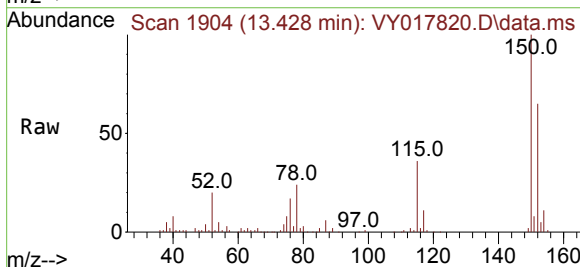
Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224

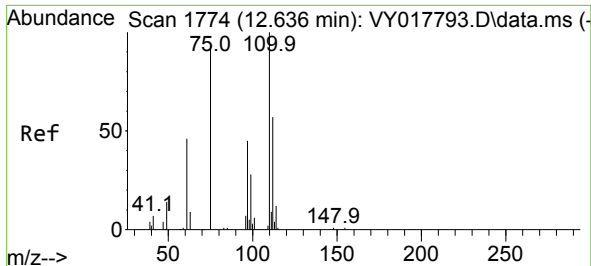
Tgt Ion:117 Resp: 75837
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion:152 Resp: 25125
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 152.9 0.0 345.6

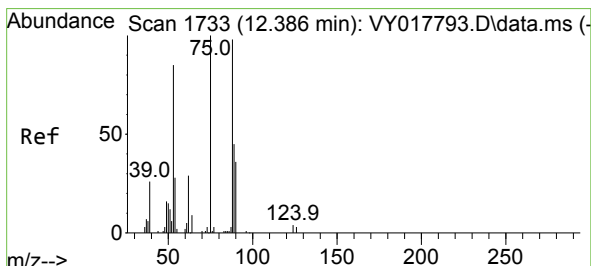
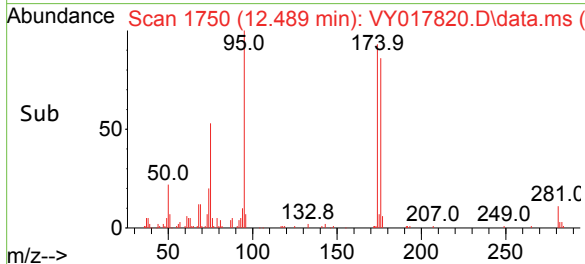
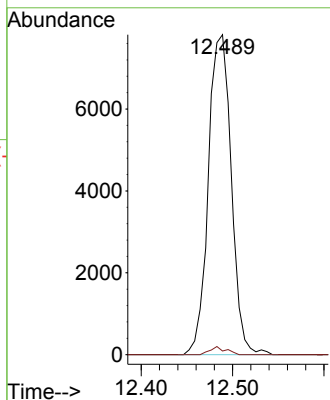
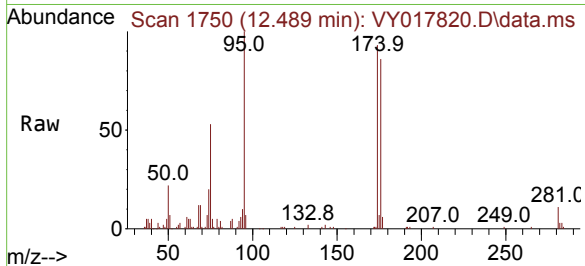




#76
1,2,3-Trichloropropane
Concen: 59.562 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

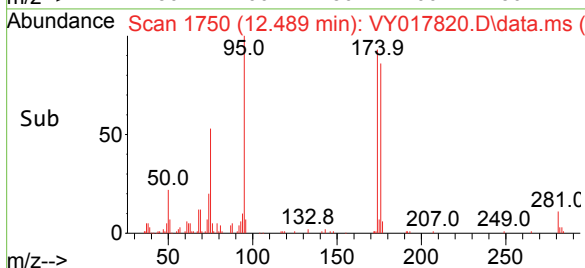
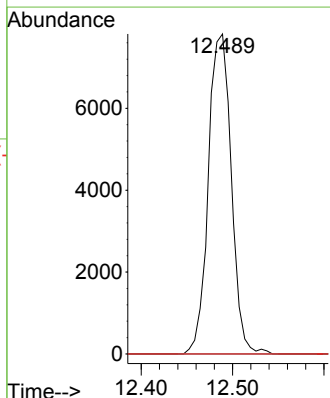
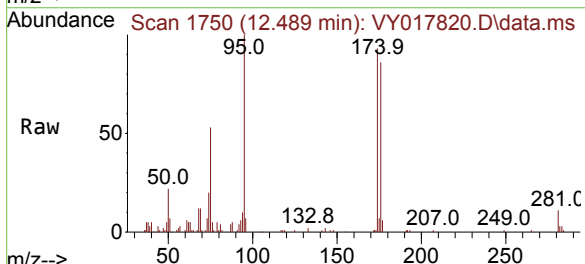
Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224

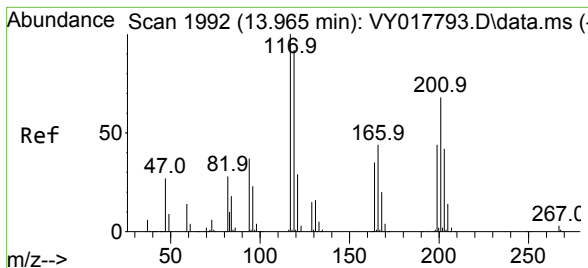
Tgt Ion: 75 Resp: 13637
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.865 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017820.D
Acq: 02 Apr 2024 16:41

Tgt Ion: 75 Resp: 13637
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#90

Hexachloroethane

Concen: 4.514 ug/l

RT: 14.086 min Scan# 2012

Delta R.T. 0.122 min

Lab File: VY017820.D

Acq: 02 Apr 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

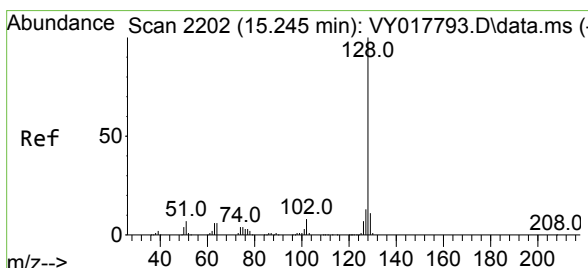
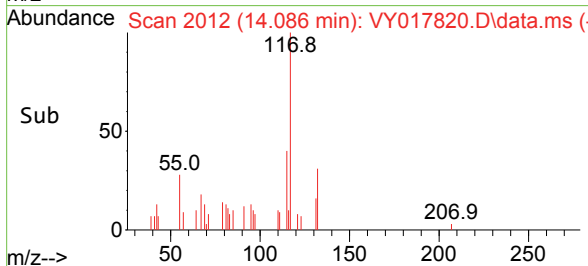
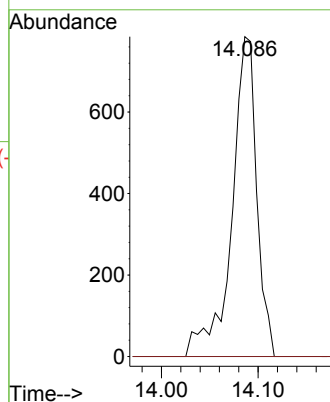
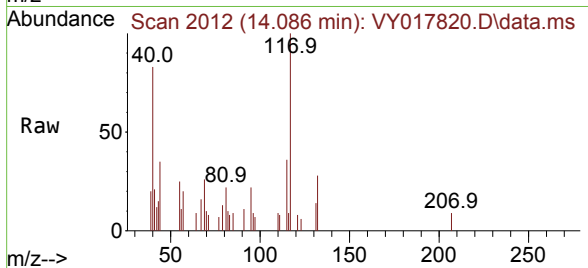
NM-DRUMS-040224

Tgt Ion:117 Resp: 1407

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#95

Naphthalene

Concen: 31.894 ug/l

RT: 15.238 min Scan# 2201

Delta R.T. -0.007 min

Lab File: VY017820.D

Acq: 02 Apr 2024 16:41

Tgt Ion:128 Resp: 18116

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 9.8 8.6 13.0

