

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075393.D
 Acq On : 23 Nov 2022 13:59
 Operator : JC\MD
 Sample : N5692-03 5X
 Misc : 1.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HS-SPILL-DRUM-11-16

Quant Time: Nov 24 06:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

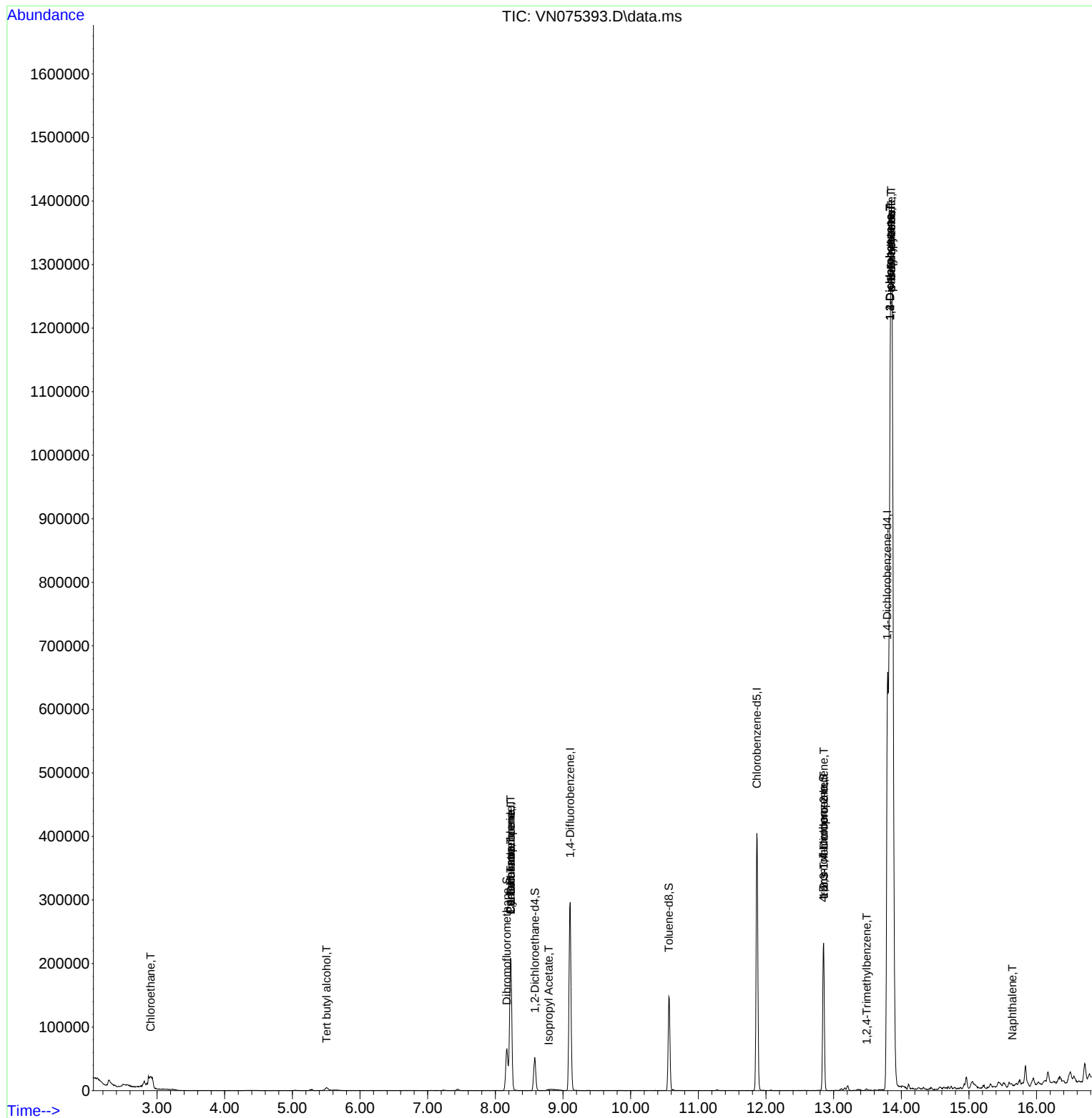
Internal Standards						
1) Pentafluorobenzene	8.230	168	164104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	277484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41468	47.075	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.160%
35) Dibromofluoromethane	8.171	113	47875	43.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.840%
50) Toluene-d8	10.565	98	107098	43.623	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.240%
62) 4-Bromofluorobenzene	12.847	95	80974	44.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%
Target Compounds						
					Qvalue	
6) Chloroethane	2.906	64	21184	14.207	ug/l #	55
11) Tert butyl alcohol	5.506	59	4079	11.031	ug/l #	72
18) Methyl Acetate	5.036	43	1100	Below Cal	#	82
20) Methylene Chloride	5.283	84	1549	Below Cal	#	81
31) Cyclohexane	8.224	56	2907	1.039	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11135	4.684	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16292	6.239	ug/l #	16
43) Isopropyl Acetate	8.788	43	1316	0.383	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	41729	17.627	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41729	52.156	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.488	105	2192	0.288	ug/l	94
85) sec-Butylbenzene	13.847	105	84014	8.936	ug/l	81
86) p-Isopropyltoluene	13.853	119	71223	9.004	ug/l #	1
87) 1,3-Dichlorobenzene	13.835	146	4734	1.106	ug/l #	25
88) 1,4-Dichlorobenzene	13.835	146	4734	1.089	ug/l #	25
89) n-Butylbenzene	13.853	91	205339	30.735	ug/l #	45
91) 1,2-Dichlorobenzene	13.835	146	1114	0.267	ug/l #	25
95) Naphthalene	15.641	128	3286	0.489	ug/l #	82

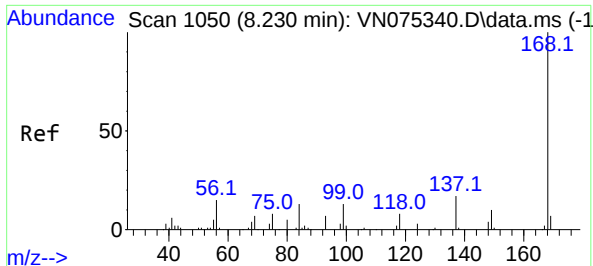
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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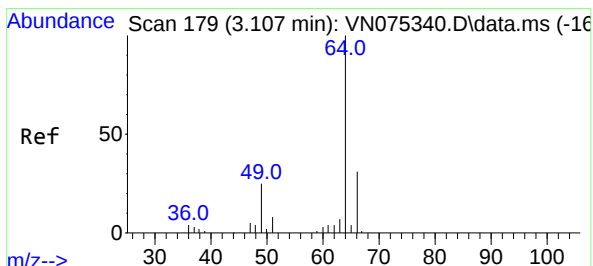
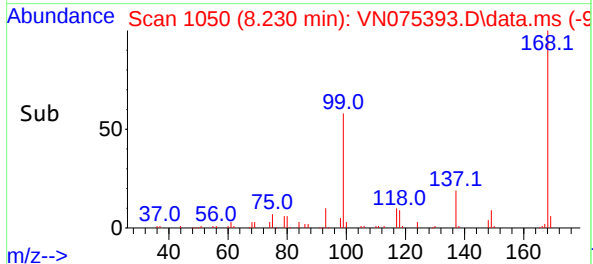
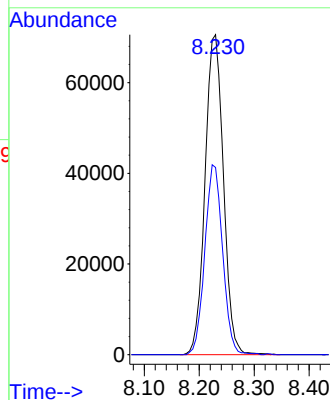
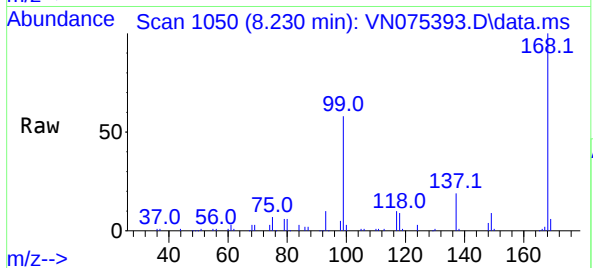




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

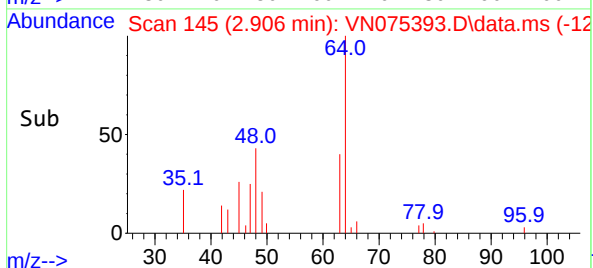
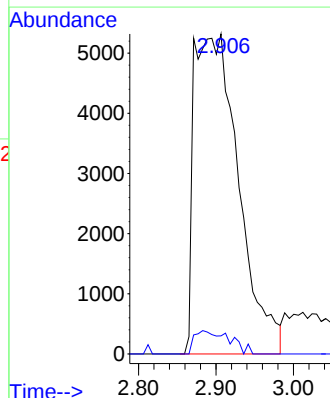
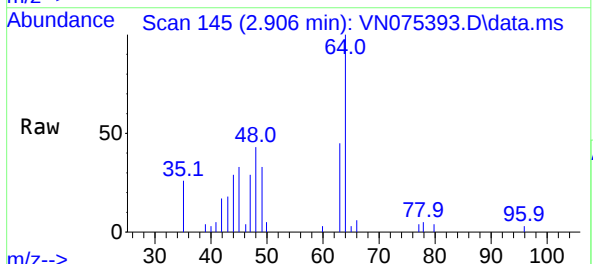
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

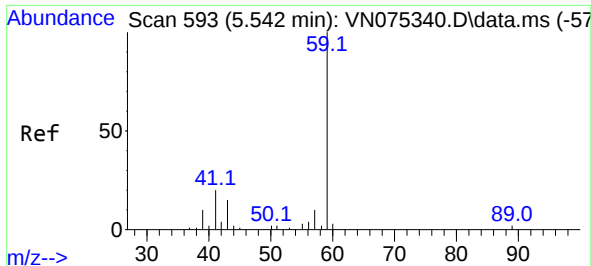
Tgt Ion:168 Resp: 164104
Ion Ratio Lower Upper
168 100
99 58.5 51.6 77.4



#6
Chloroethane
Concen: 14.207 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.201 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion: 64 Resp: 21184
Ion Ratio Lower Upper
64 100
66 5.6 23.8 35.8#





#11

Tert butyl alcohol

Concen: 11.031 ug/l

RT: 5.506 min Scan# 59

Delta R.T. -0.036 min

Lab File: VN075393.D

Acq: 23 Nov 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

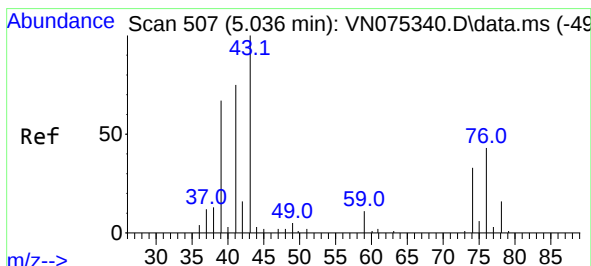
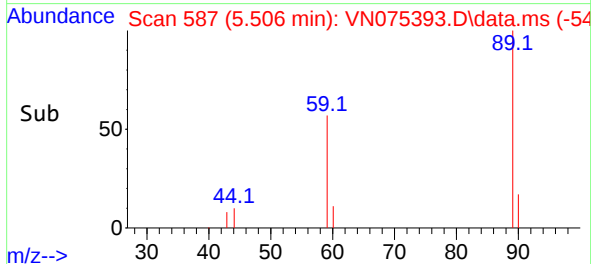
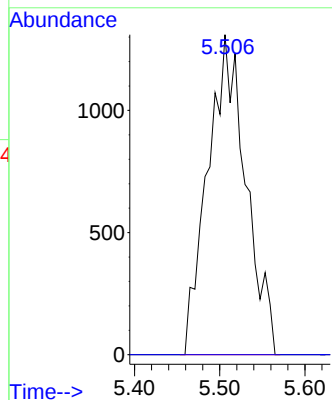
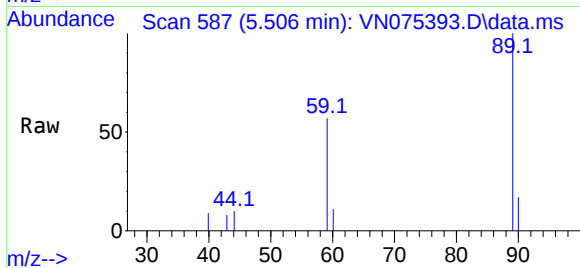
HS-SPILL-DRUM-11-16

Tgt Ion: 59 Resp: 4079

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN075393.D

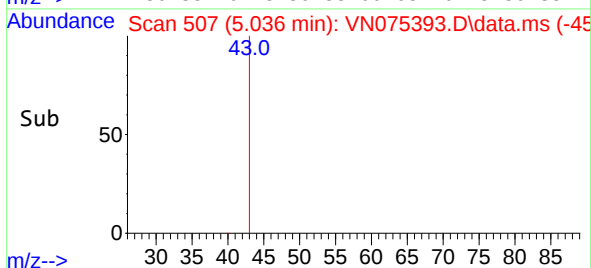
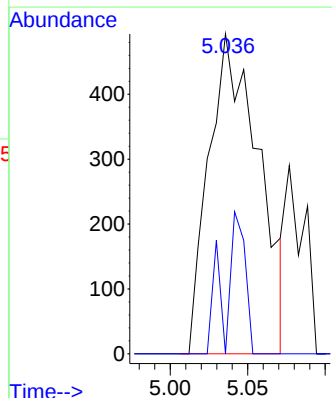
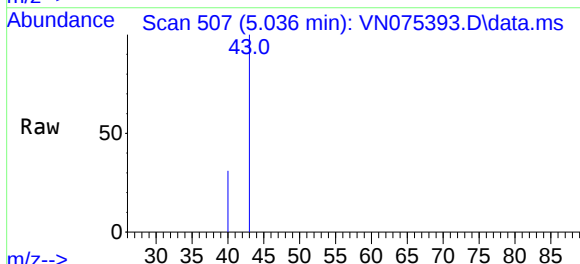
Acq: 23 Nov 2022 13:59

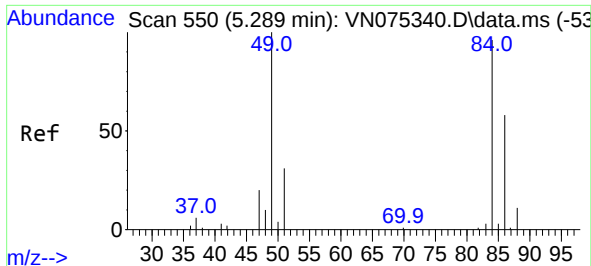
Tgt Ion: 43 Resp: 1100

Ion Ratio Lower Upper

43 100

74 18.3 22.0 33.0#

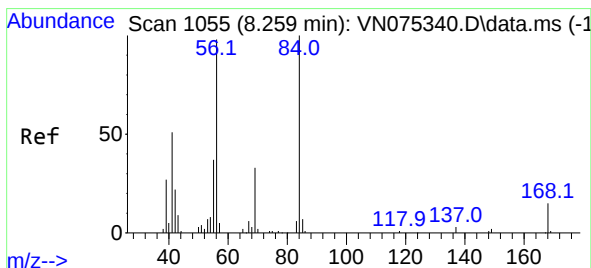
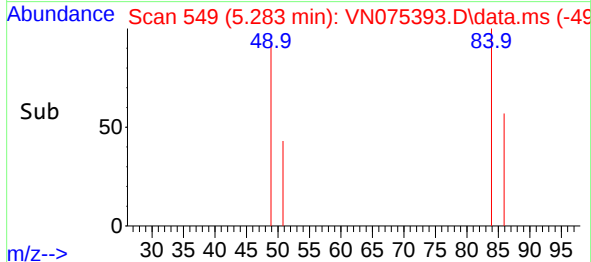
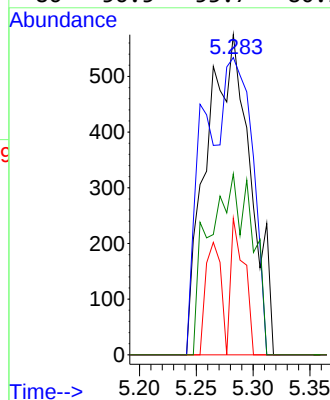
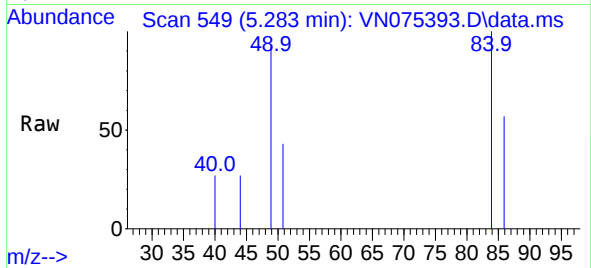




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

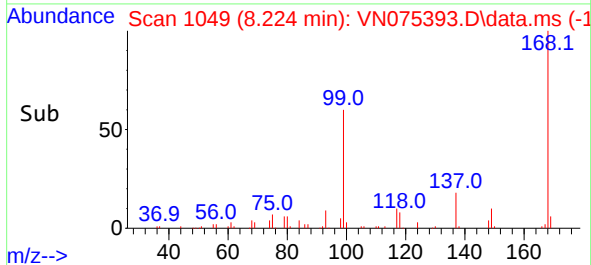
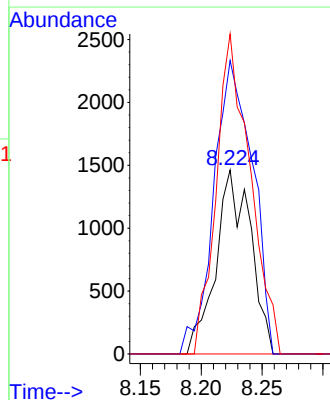
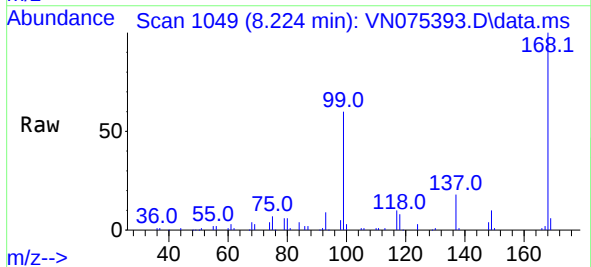
Instrument :
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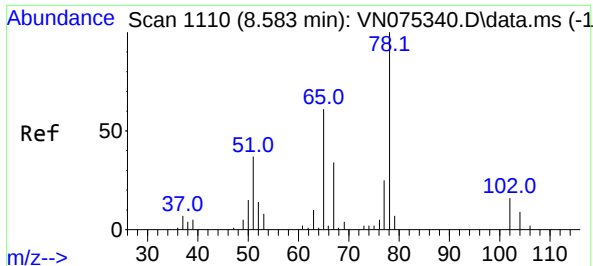
Tgt Ion:	84	Resp:	1549
Ion	Ratio	Lower	Upper
84	100		
49	92.9	94.9	142.3#
51	42.6	26.8	40.2#
86	56.5	53.7	80.5



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion:	56	Resp:	2907
Ion	Ratio	Lower	Upper
56	100		
69	159.5	25.2	37.8#
84	173.9	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 47.075 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075393.D

Acq: 23 Nov 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

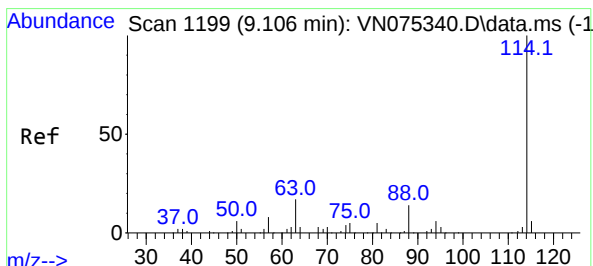
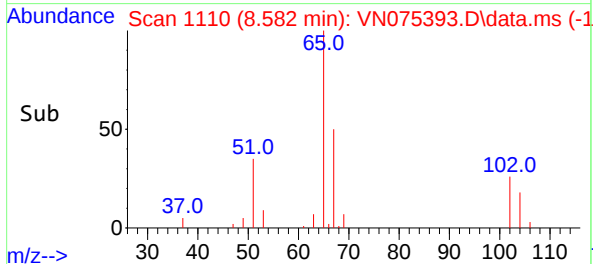
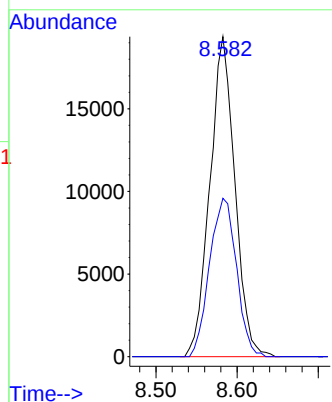
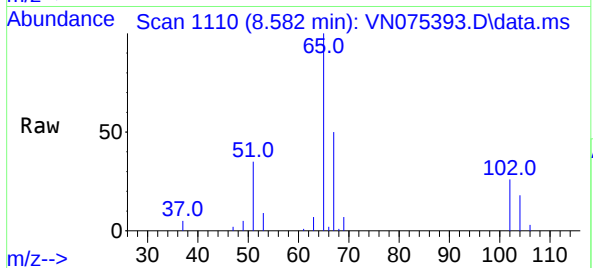
HS-SPILL-DRUM-11-16

Tgt Ion: 65 Resp: 41468

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075393.D

Acq: 23 Nov 2022 13:59

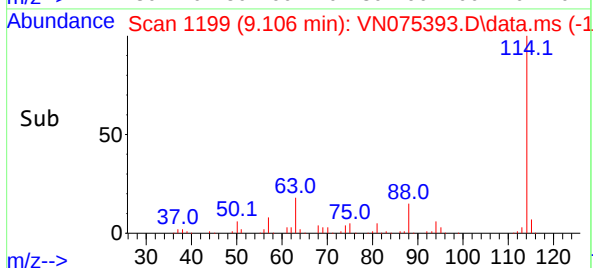
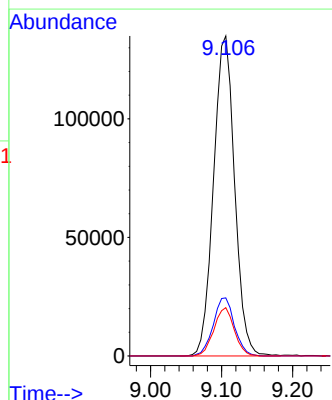
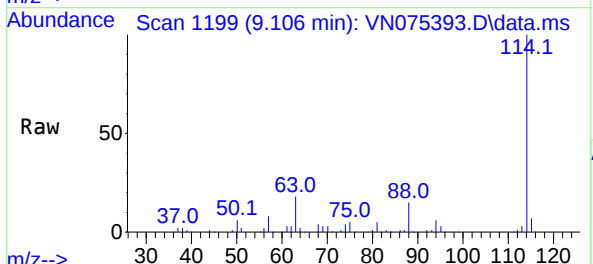
Tgt Ion: 114 Resp: 277484

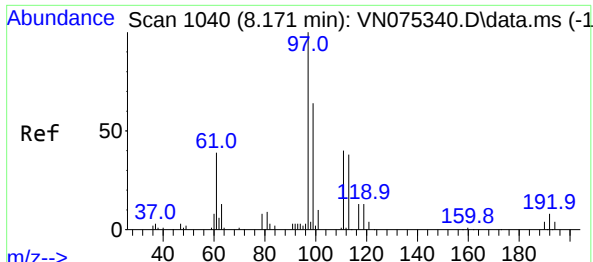
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

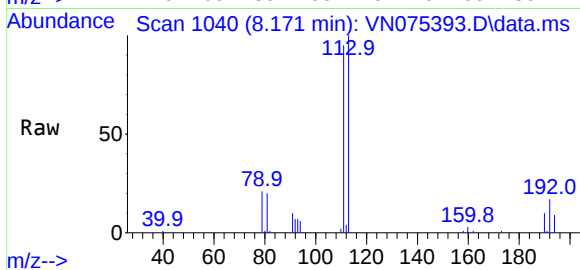
88 15.1 0.0 29.0



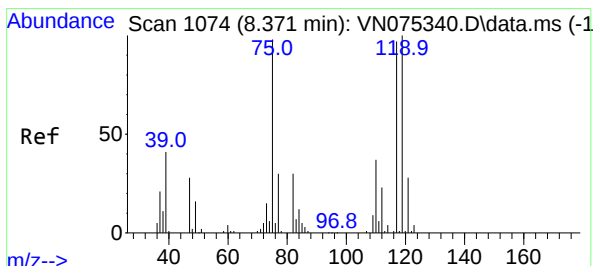
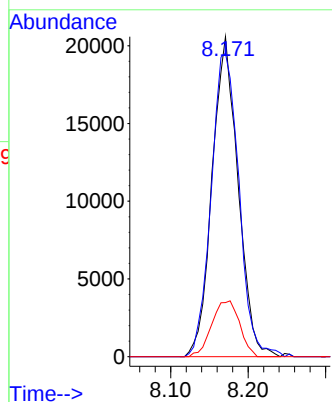
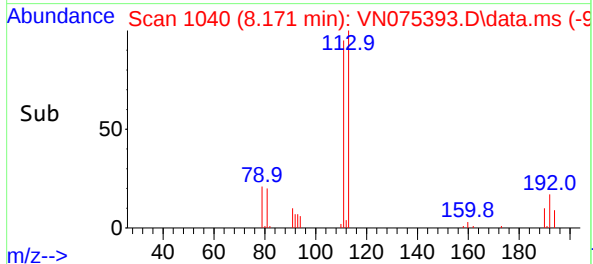


#35
Dibromofluoromethane
Concen: 43.920 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

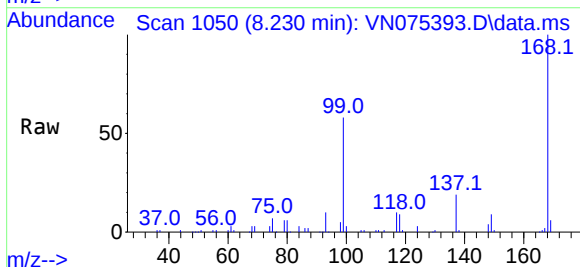
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16



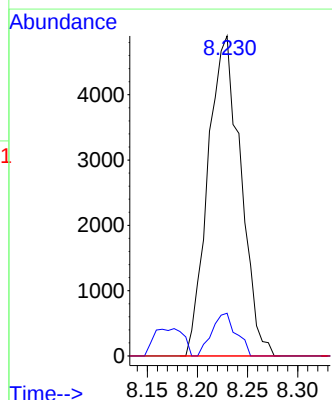
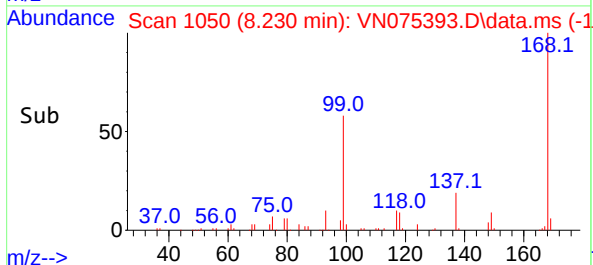
Tgt Ion:113 Resp: 47875
Ion Ratio Lower Upper
113 100
111 101.8 80.5 120.7
192 18.8 13.2 19.8

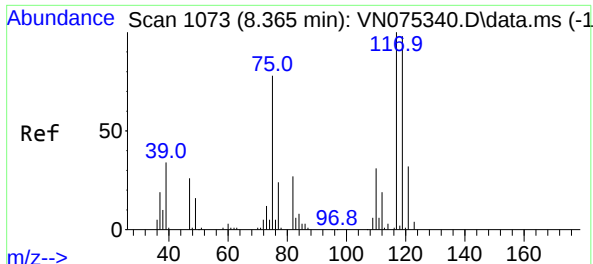


#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59



Tgt Ion: 75 Resp: 11135
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 24.6 37.0#

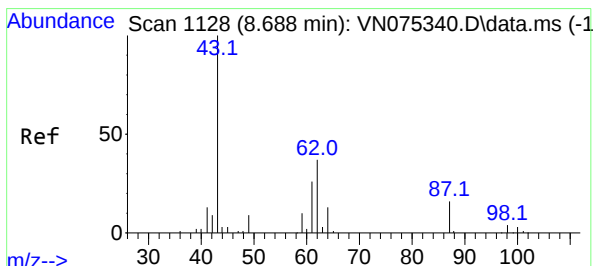
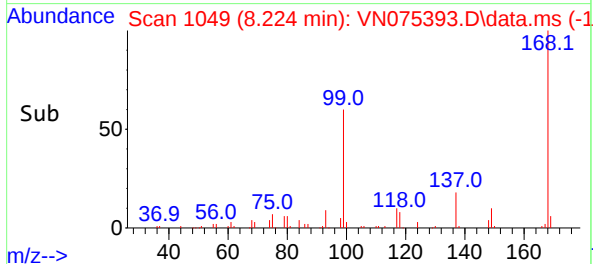
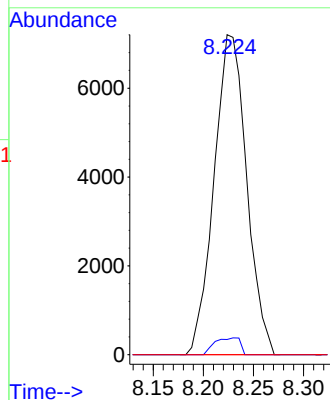
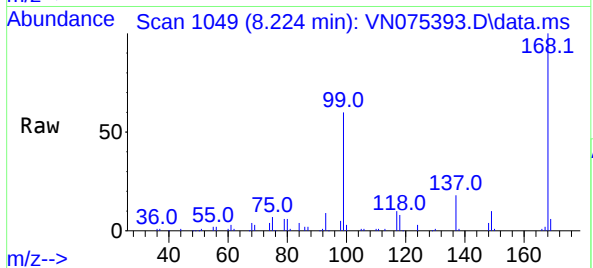




#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 8.224 min Scan# 1104
Delta R.T. -0.141 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

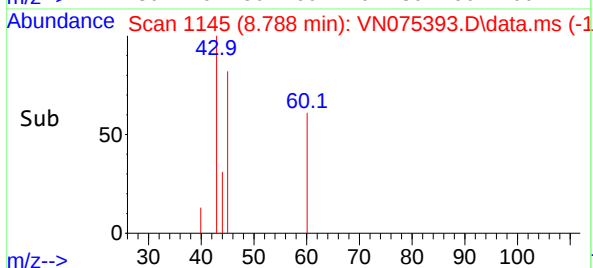
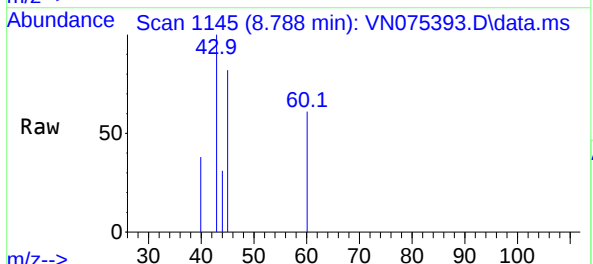
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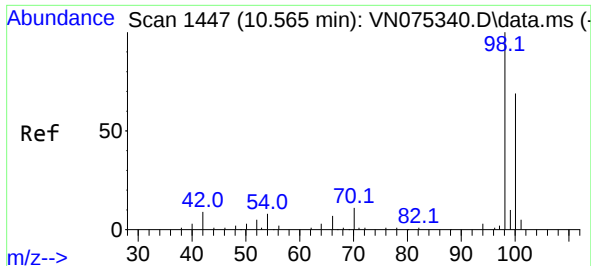
Tgt Ion:117 Resp: 16292
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.383 ug/l
RT: 8.788 min Scan# 1145
Delta R.T. 0.100 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

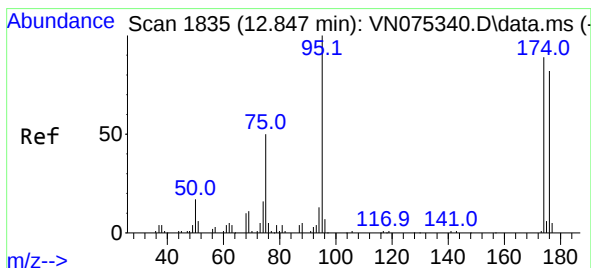
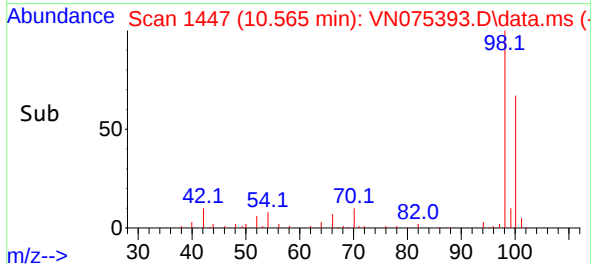
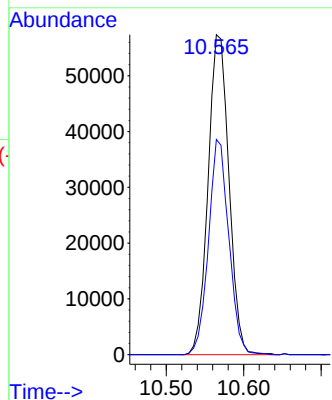
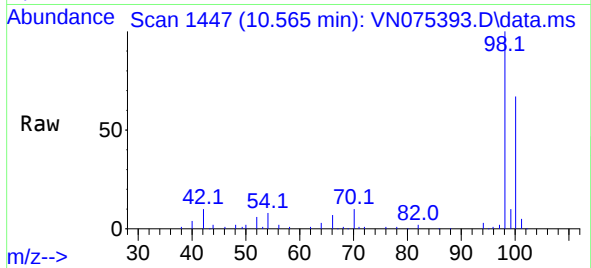




#50
Toluene-d8
Concen: 43.623 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

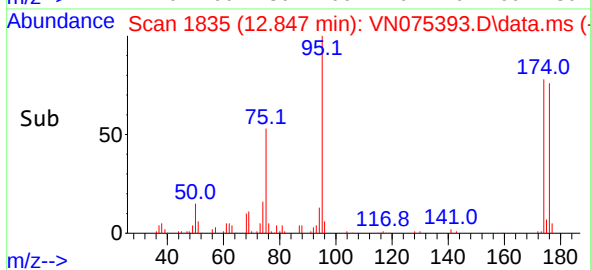
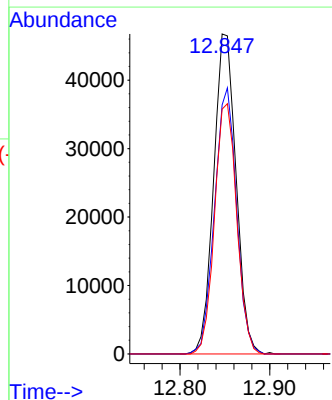
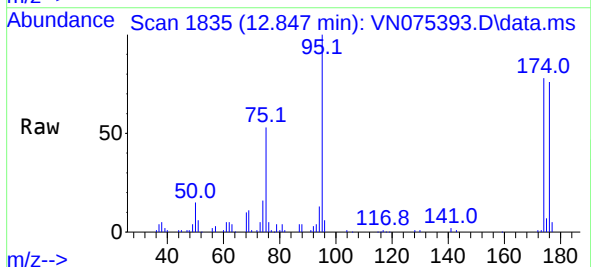
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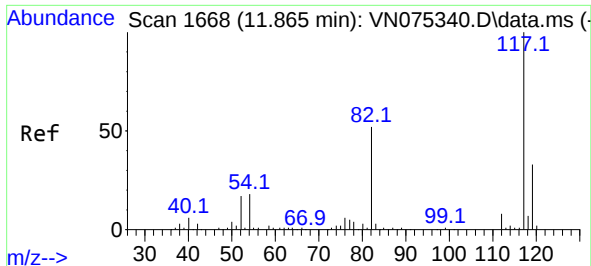
Tgt Ion: 98 Resp: 107098
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.685 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion: 95 Resp: 80974
Ion Ratio Lower Upper
95 100
174 81.7 0.0 147.4
176 77.4 0.0 142.2

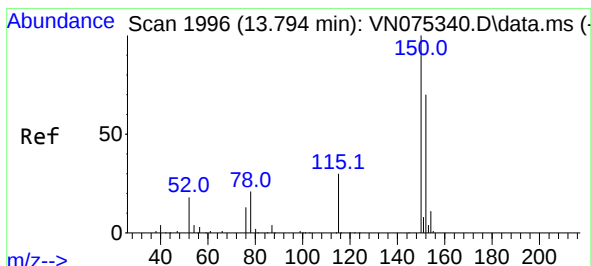
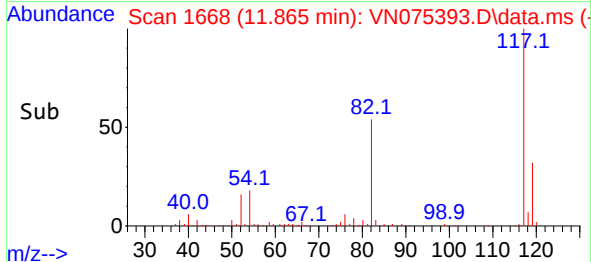
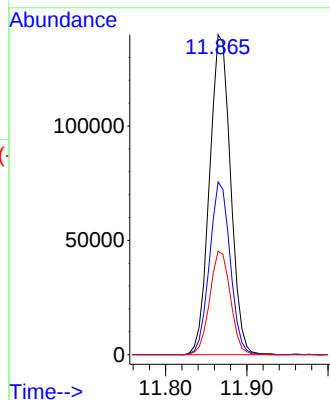
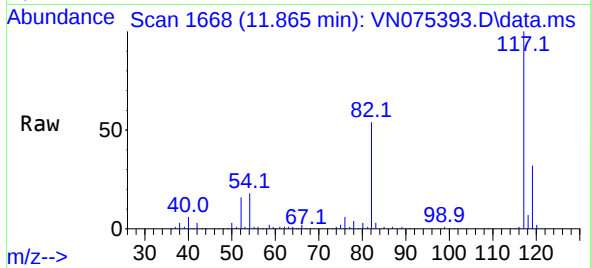




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

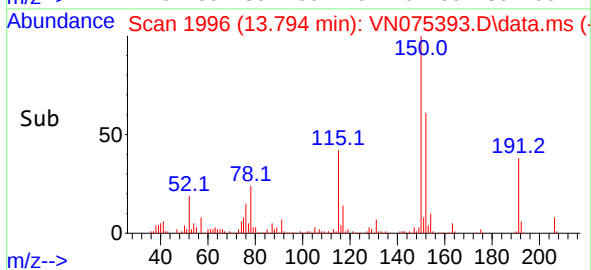
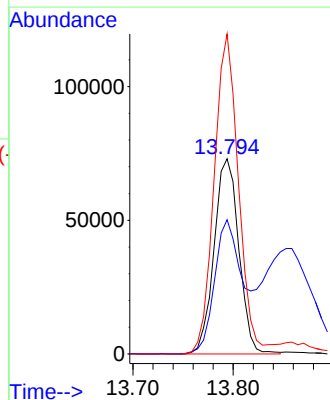
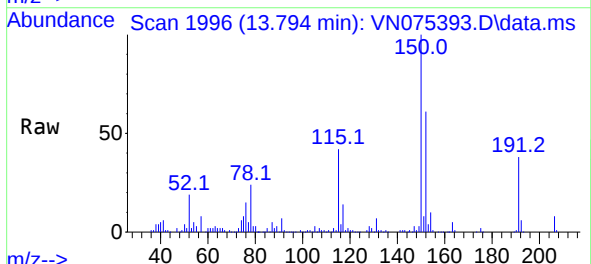
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

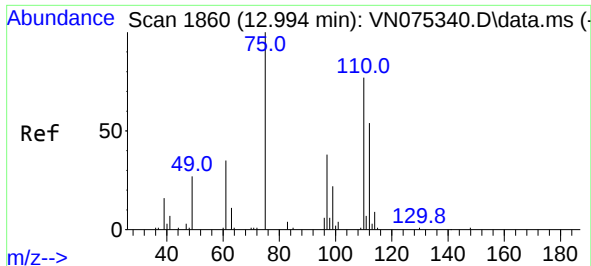
Tgt Ion:117 Resp: 252439
Ion Ratio Lower Upper
117 100
82 54.0 43.1 64.7
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion:152 Resp: 125204
Ion Ratio Lower Upper
152 100
115 76.5 30.2 90.6
150 160.7 0.0 348.4

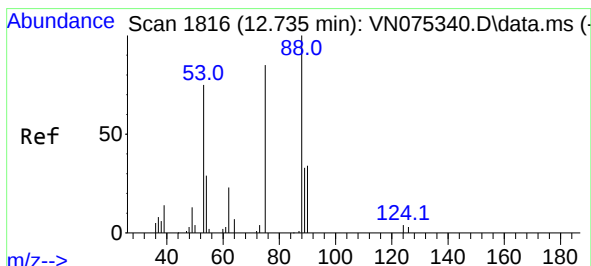
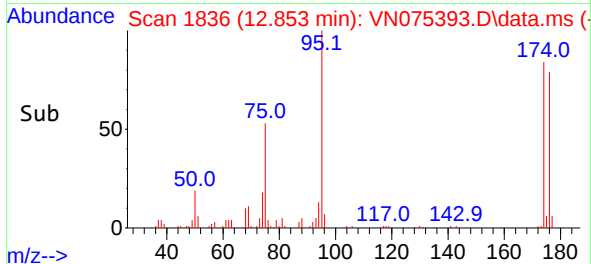
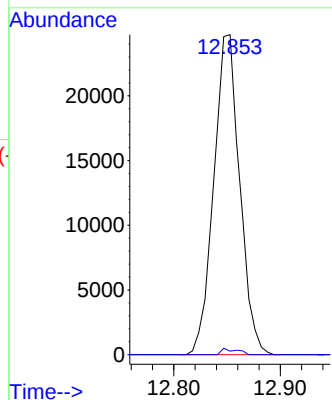
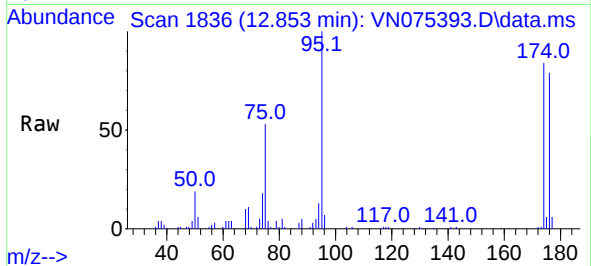




#76
1,2,3-Trichloropropane
Concen: 17.627 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

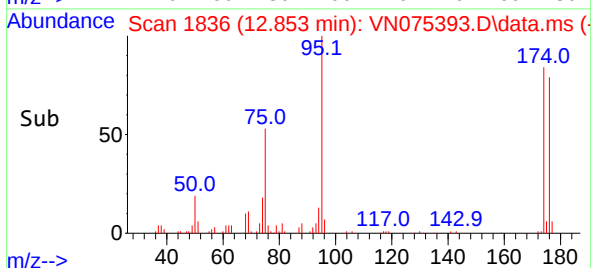
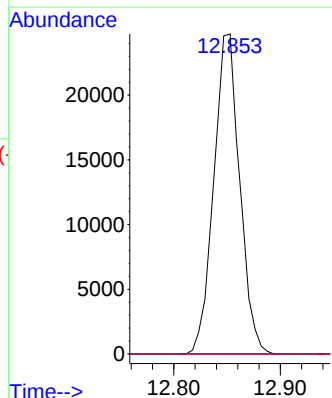
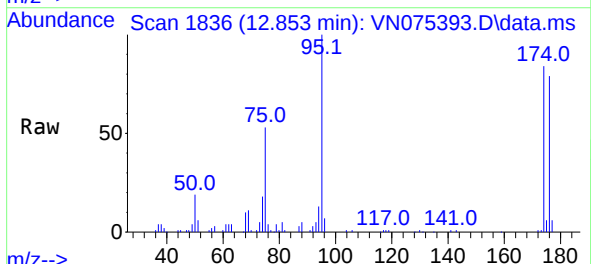
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

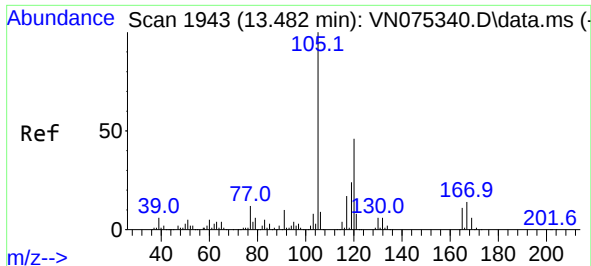
Tgt Ion: 75 Resp: 41729
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.156 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion: 75 Resp: 41729
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

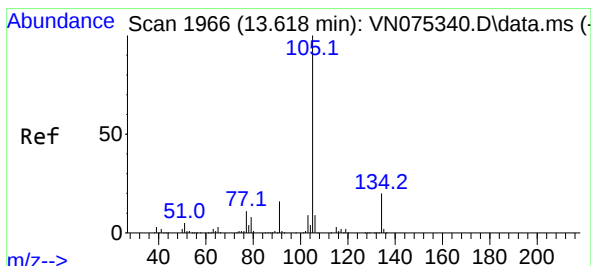
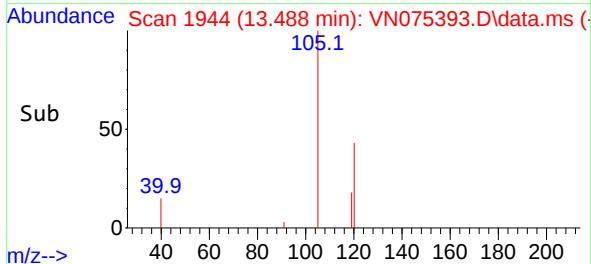
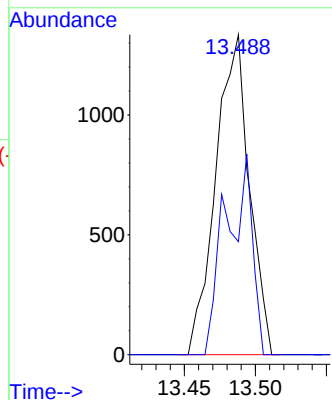
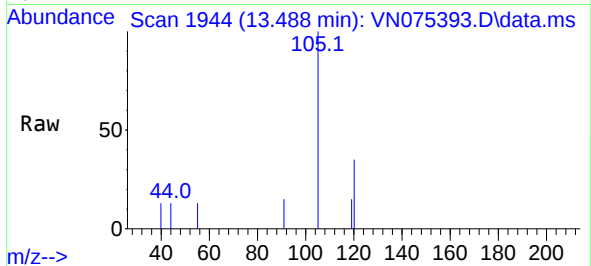




#84
1,2,4-Trimethylbenzene
Concen: 0.288 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

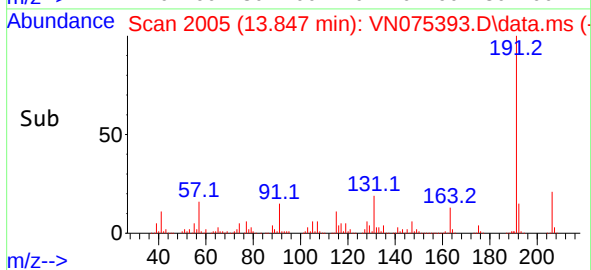
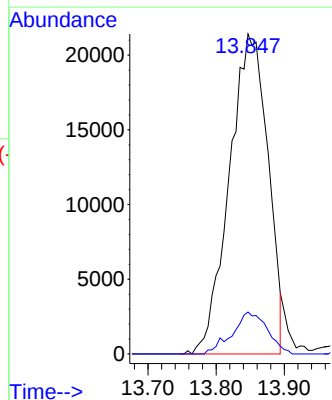
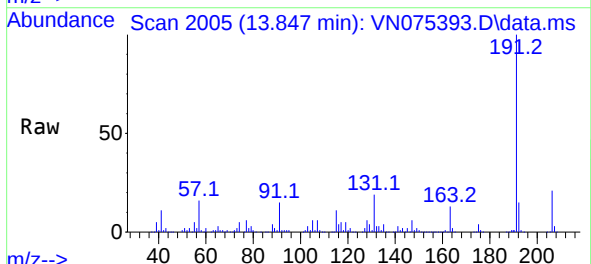
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

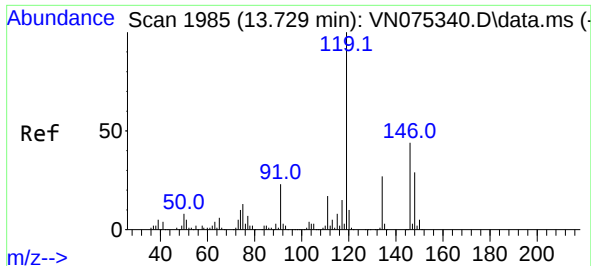
Tgt Ion:105 Resp: 2192
Ion Ratio Lower Upper
105 100
120 49.2 22.7 68.1



#85
sec-Butylbenzene
Concen: 8.936 ug/l
RT: 13.847 min Scan# 2005
Delta R.T. 0.229 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion:105 Resp: 84014
Ion Ratio Lower Upper
105 100
134 11.7 10.2 30.6

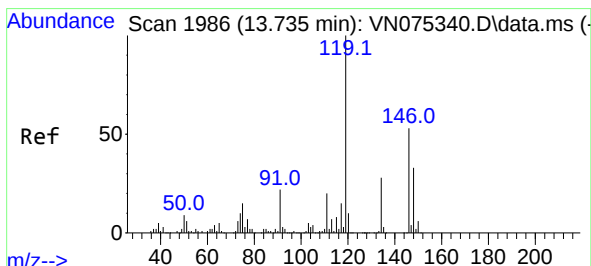
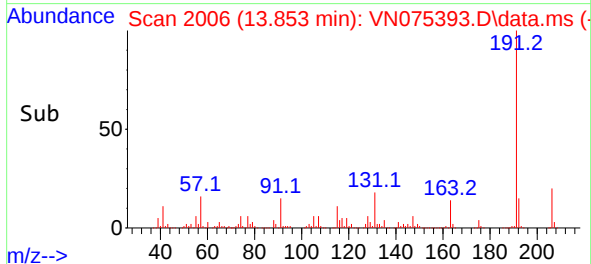
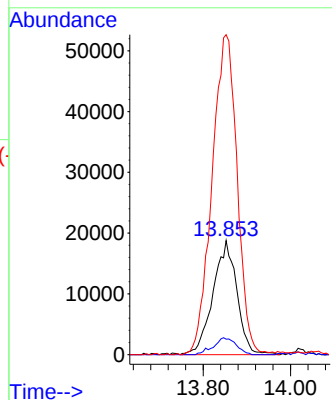
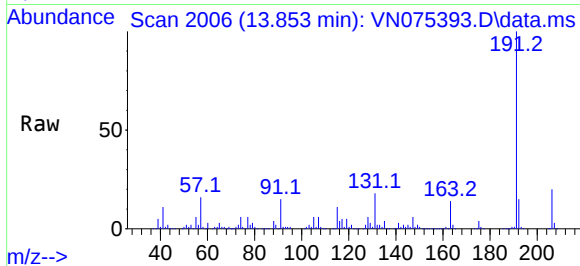




#86
p-Isopropyltoluene
Concen: 9.004 ug/l
RT: 13.853 min Scan# 2006
Delta R.T. 0.124 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

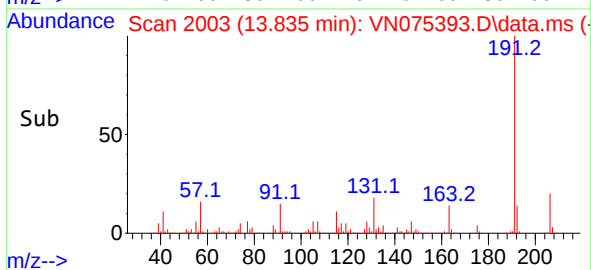
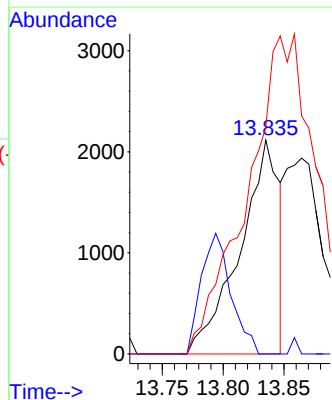
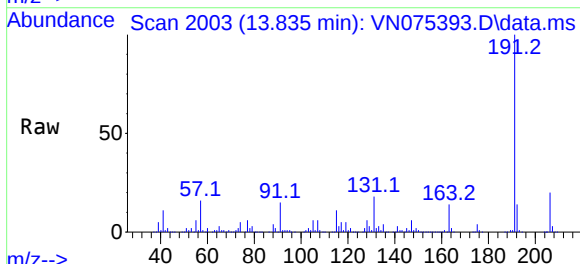
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

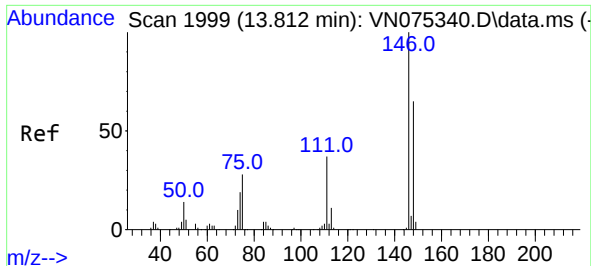
Tgt Ion:119 Resp: 71223
Ion Ratio Lower Upper
119 100
134 14.0 13.1 39.3
91 294.8 11.9 35.5#



#87
1,3-Dichlorobenzene
Concen: 1.106 ug/l
RT: 13.835 min Scan# 2003
Delta R.T. 0.100 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion:146 Resp: 4734
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.5#
148 0.0 31.1 93.5#

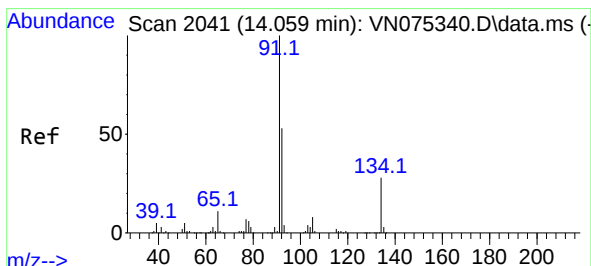
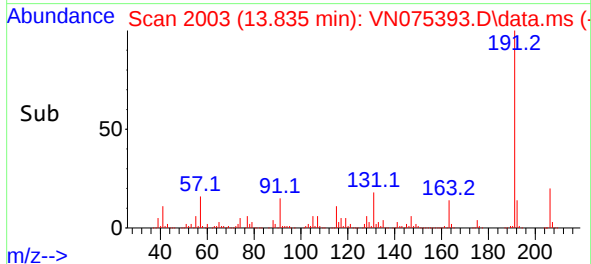
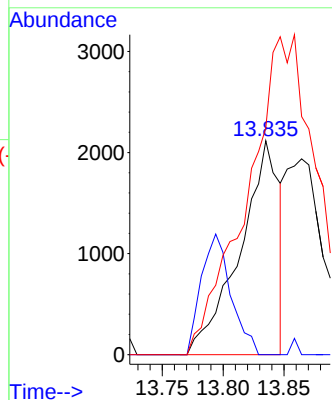
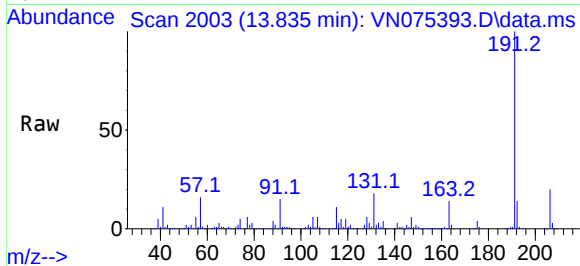




#88
1,4-Dichlorobenzene
Concen: 1.089 ug/l
RT: 13.835 min Scan# 2003
Delta R.T. 0.023 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

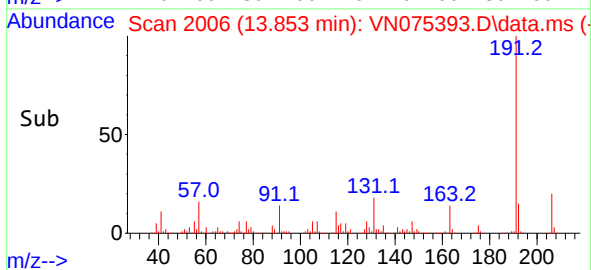
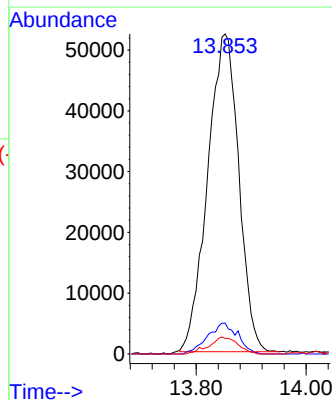
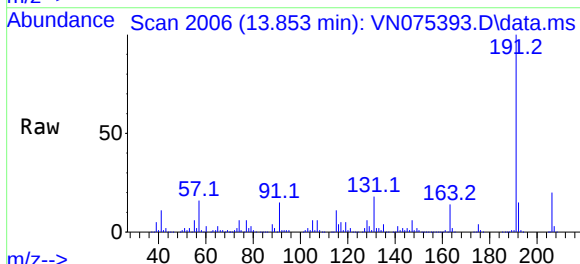
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

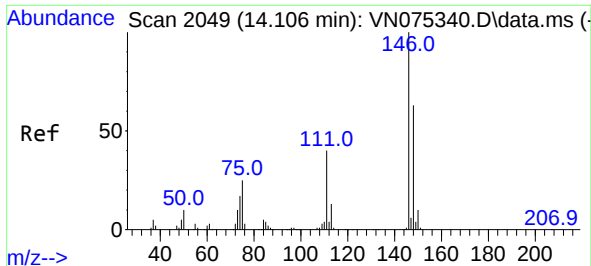
Tgt Ion:146 Resp: 4734
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 0.0 31.9 95.7#



#89
n-Butylbenzene
Concen: 30.735 ug/l
RT: 13.853 min Scan# 2006
Delta R.T. -0.206 min
Lab File: VN075393.D
Acq: 23 Nov 2022 13:59

Tgt Ion: 91 Resp: 205339
Ion Ratio Lower Upper
91 100
92 9.4 26.5 79.4#
134 4.9 13.0 39.0#





#91

1,2-Dichlorobenzene

Concen: 0.267 ug/l

RT: 13.835 min Scan# 2049

Delta R.T. -0.271 min

Lab File: VN075393.D

Acq: 23 Nov 2022 13:59

Instrument :

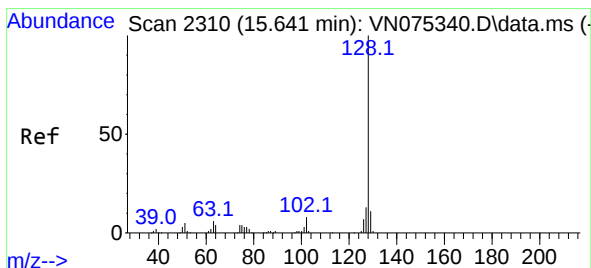
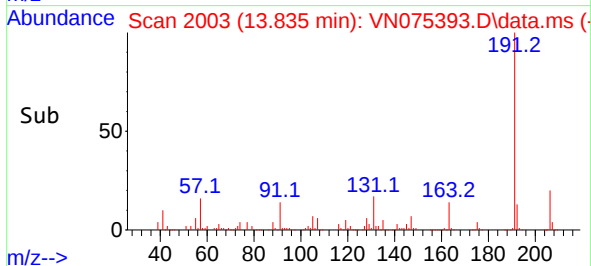
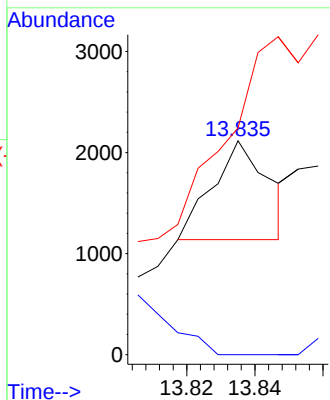
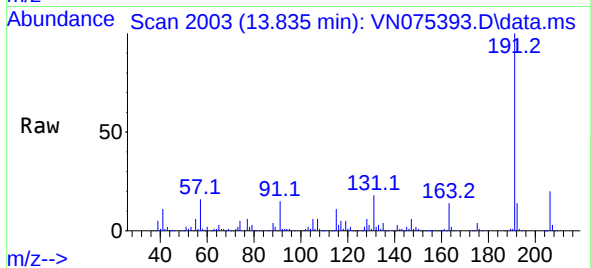
MSVOA_N

ClientSampleId :

HS-SPILL-DRUM-11-16

Tgt Ion:146 Resp: 1114

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	63.9#
148	0.0	31.4	94.2#



#95

Naphthalene

Concen: 0.489 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075393.D

Acq: 23 Nov 2022 13:59

Tgt Ion:128 Resp: 3286

Ion	Ratio	Lower	Upper
128	100		
127	3.5	10.4	15.6#
129	14.5	8.6	12.8#

