

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075409.D
 Acq On : 23 Nov 2022 20:22
 Operator : JC\MD
 Sample : N5692-03
 Misc : 1.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Nov 24 06:54:10 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)

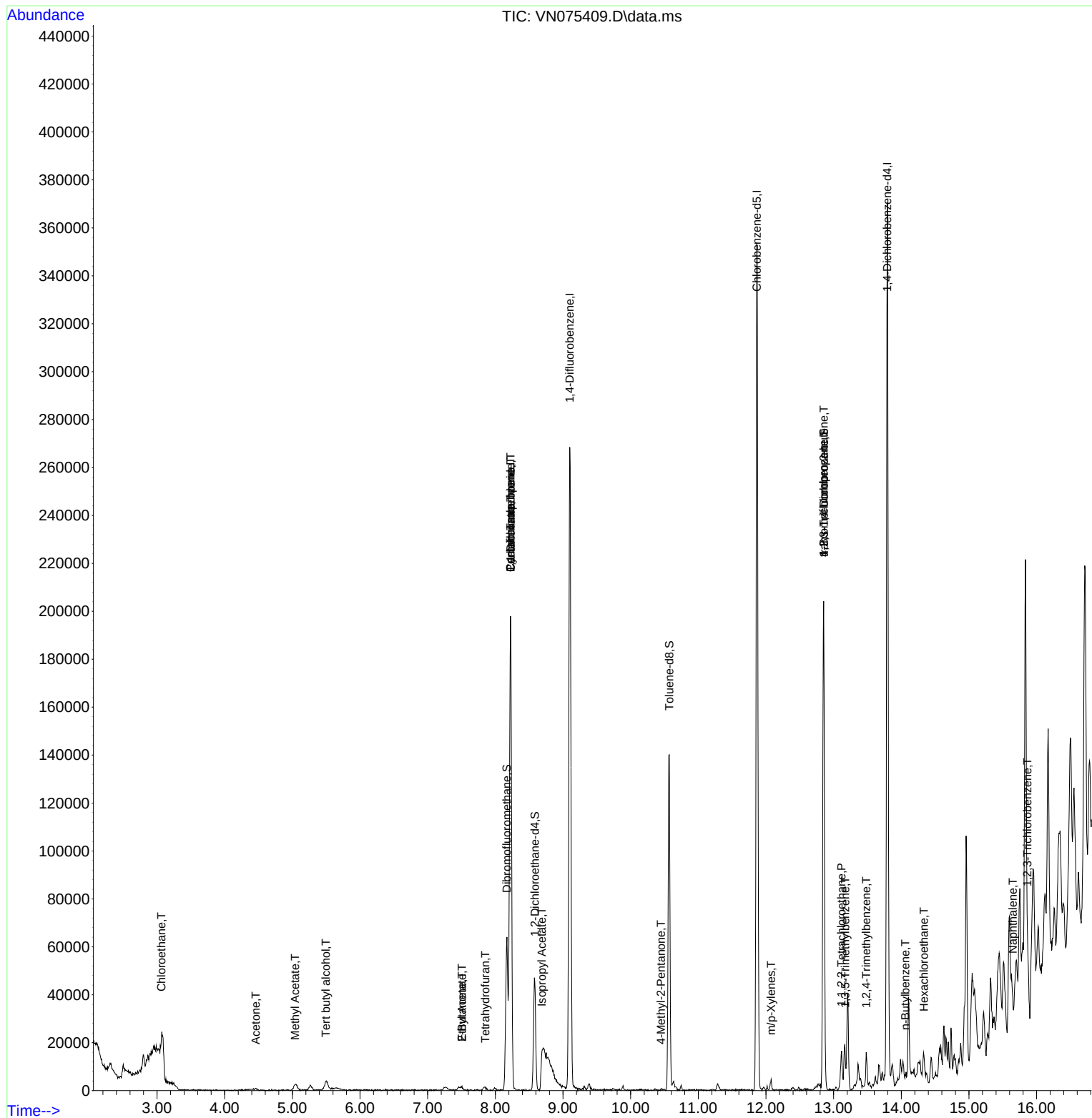
Internal Standards						
1) Pentafluorobenzene	8.224	168	153713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	38170	46.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.520%
35) Dibromofluoromethane	8.171	113	44672	43.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.940%
50) Toluene-d8	10.570	98	103098	45.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.853	95	72117	42.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.400%
Target Compounds						
					Qvalue	
6) Chloroethane	3.065	64	9547	6.836	ug/l #	55
11) Tert butyl alcohol	5.494	59	3625	10.466	ug/l #	72
16) Acetone	4.459	43	395	0.513	ug/l #	43
18) Methyl Acetate	5.041	43	3073	0.296	ug/l #	43
20) Methylene Chloride	5.265	84	1707	Below Cal	#	85
25) 2-Butanone	7.506	43	1559	1.451	ug/l #	77
29) Tetrahydrofuran	7.853	42	258	0.395	ug/l #	26
31) Cyclohexane	8.224	56	2607	0.994	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10834	4.890	ug/l #	50
37) Ethyl Acetate	7.506	43	1559	0.781	ug/l #	66
38) Carbon Tetrachloride	8.224	117	15029	6.175	ug/l #	17
43) Isopropyl Acetate	8.688	43	9751	3.045	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	739	0.362	ug/l #	45
68) m/p-Xylenes	12.076	106	1074	0.336	ug/l	85
75) 1,1,2,2-Tetrachloroethane	13.117	83	880	0.386	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	35568	18.396	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	2117	0.341	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	35568	54.429	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.482	105	9202	1.478	ug/l	99
89) n-Butylbenzene	14.059	91	1780	0.326	ug/l #	81
90) Hexachloroethane	14.335	117	522	0.468	ug/l #	19
95) Naphthalene	15.647	128	6909	1.258	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.864	180	696	0.406	ug/l #	12

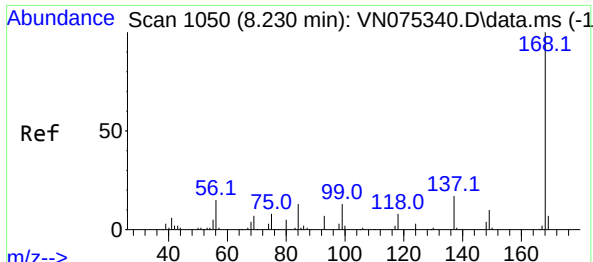
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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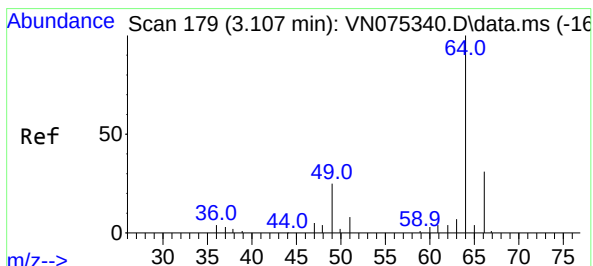
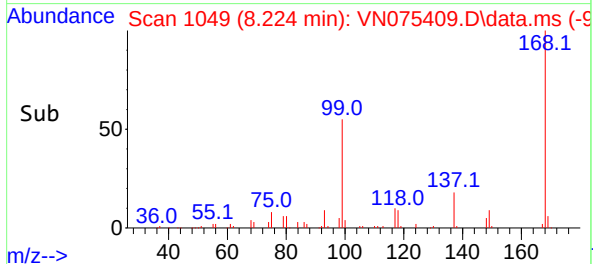
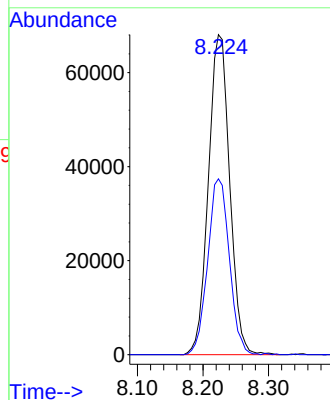
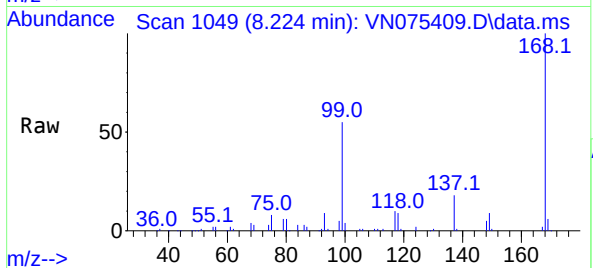




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

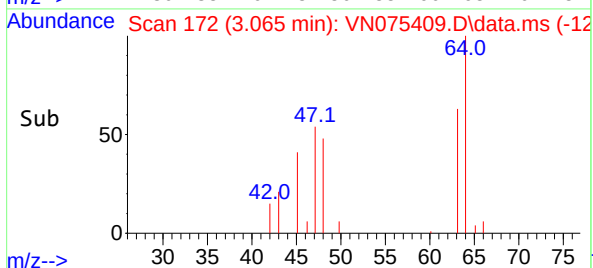
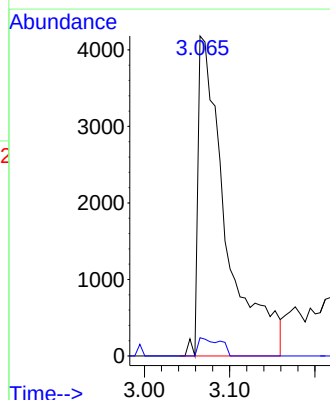
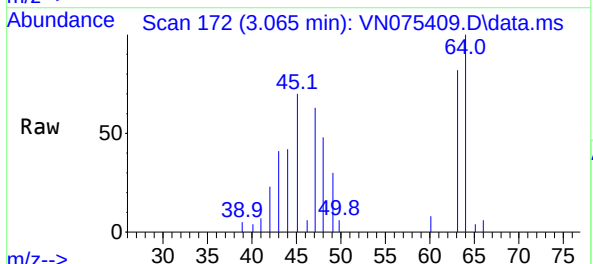
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

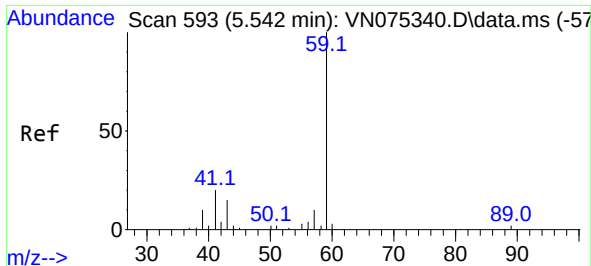
Tgt Ion:168 Resp: 153713
Ion Ratio Lower Upper
168 100
99 54.9 51.6 77.4



#6
Chloroethane
Concen: 6.836 ug/l
RT: 3.065 min Scan# 172
Delta R.T. -0.042 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 64 Resp: 9547
Ion Ratio Lower Upper
64 100
66 5.7 23.8 35.8#





#11

Tert butyl alcohol

Concen: 10.466 ug/l

RT: 5.494 min Scan# 51

Delta R.T. -0.048 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

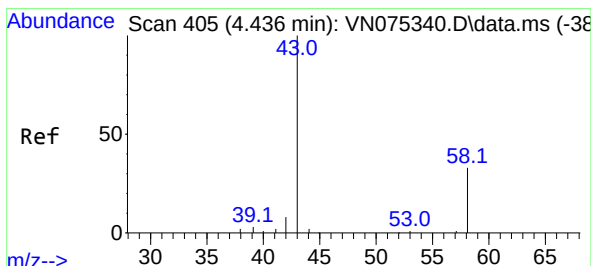
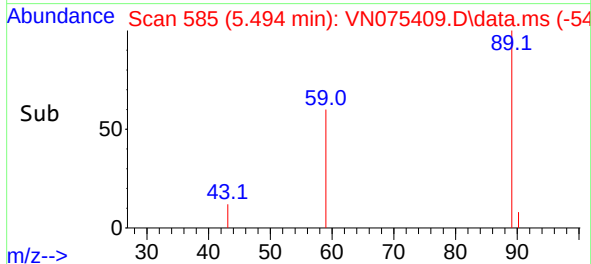
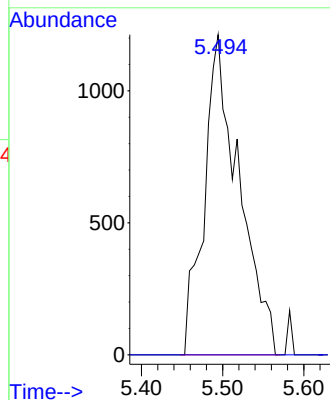
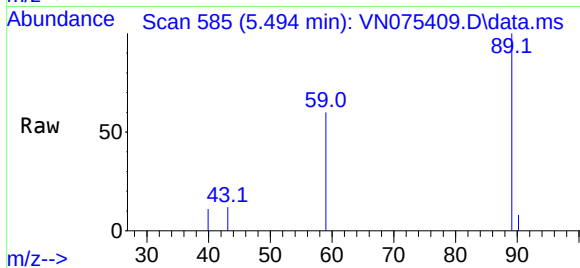
HS-SPILL-DRUM-11-16

Tgt Ion: 59 Resp: 3625

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 0.513 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.023 min

Lab File: VN075409.D

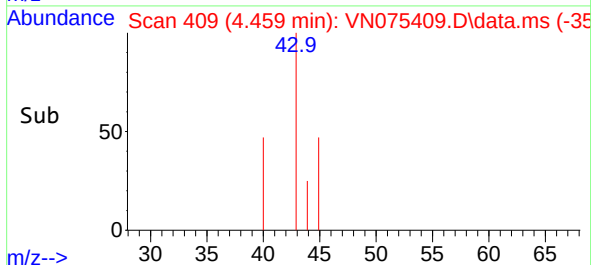
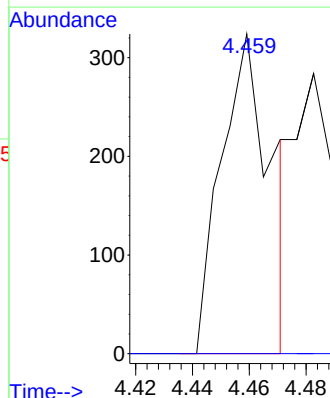
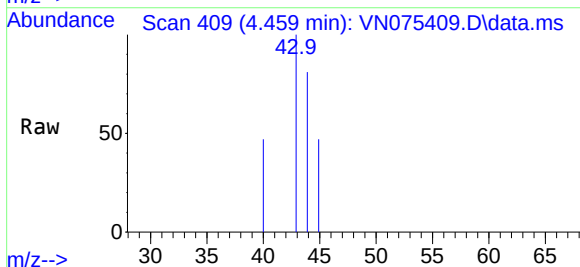
Acq: 23 Nov 2022 20:22

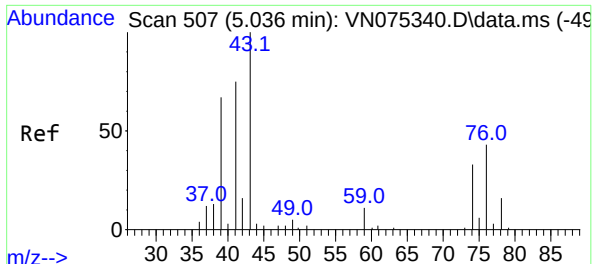
Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#

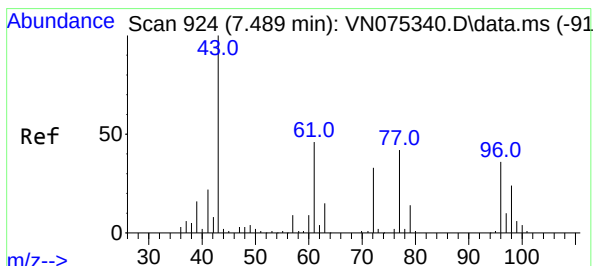
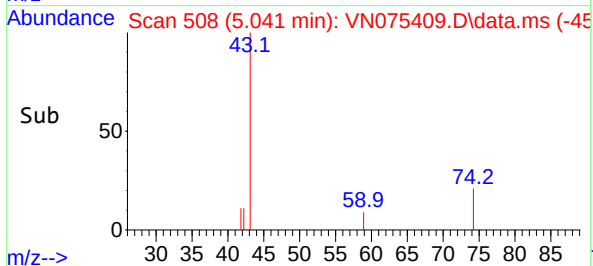
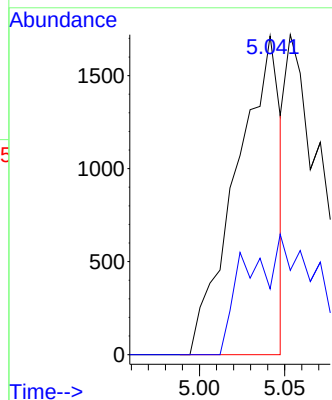
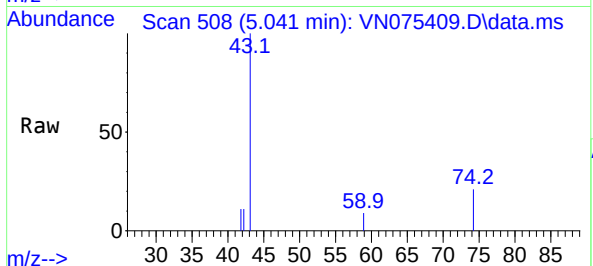




#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 5.041 min Scan# 507
Delta R.T. 0.005 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

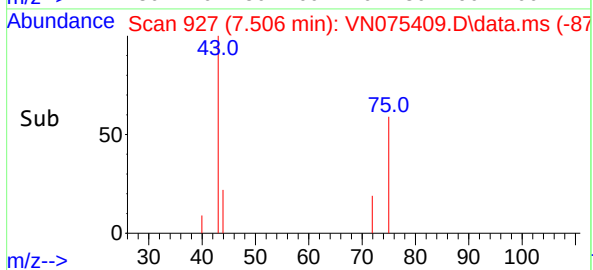
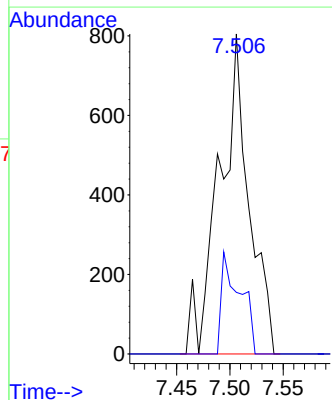
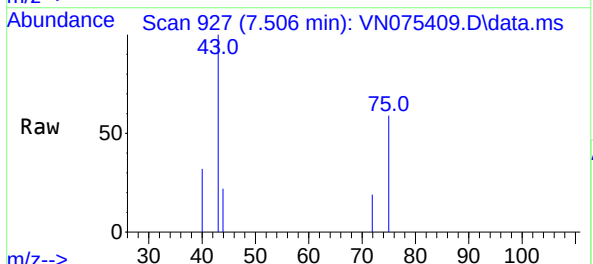
Instrument :
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HS-SPILL-DRUM-11-16

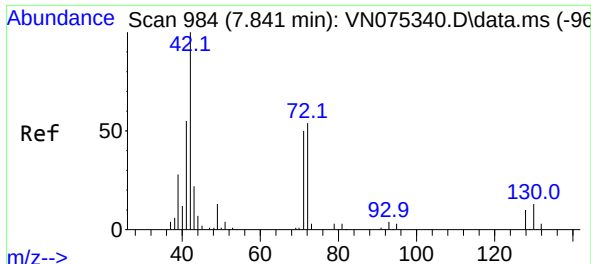
Tgt Ion: 43 Resp: 3073
Ion Ratio Lower Upper
43 100
74 57.4 22.0 33.0#



#25
2-Butanone
Concen: 1.451 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.017 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
72 19.3 25.5 38.3#





#29

Tetrahydrofuran

Concen: 0.395 ug/l

RT: 7.853 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

HS-SPILL-DRUM-11-16

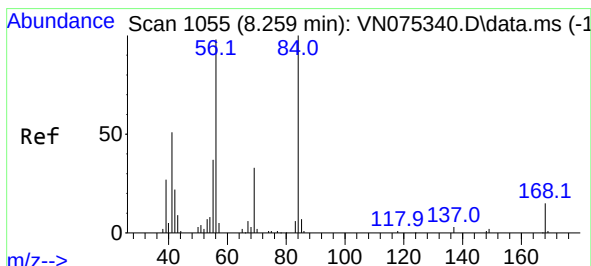
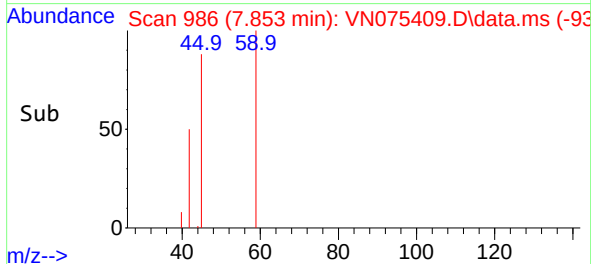
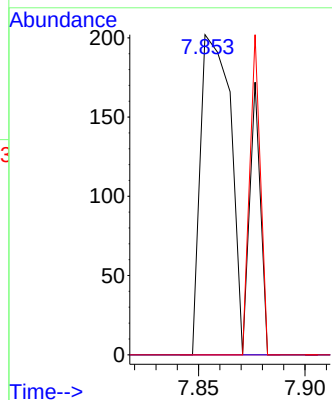
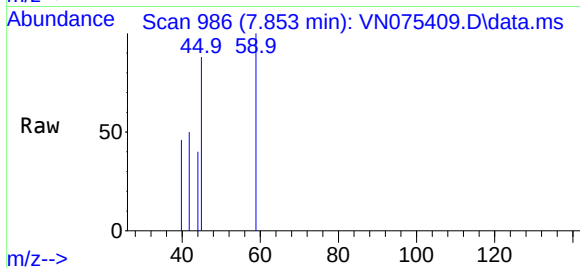
Tgt Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.6#

71 0.0 39.9 59.9#



#31

Cyclohexane

Concen: 0.994 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

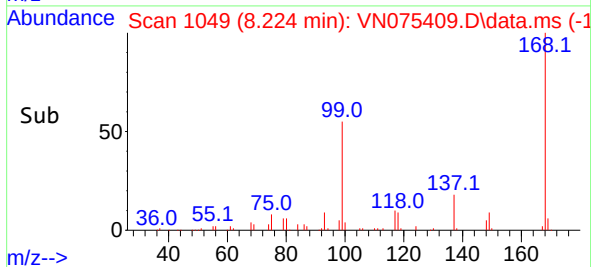
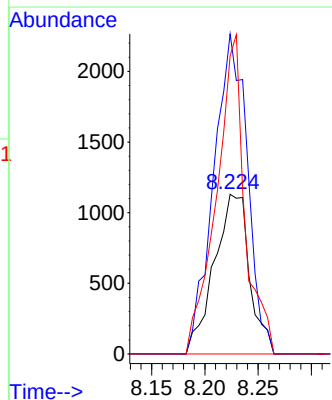
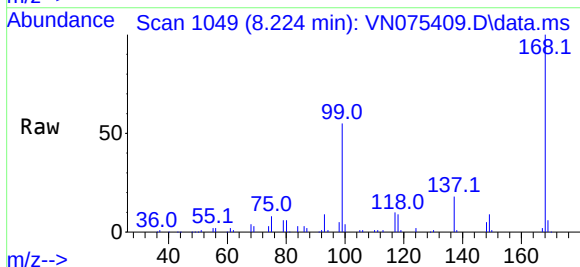
Tgt Ion: 56 Resp: 2607

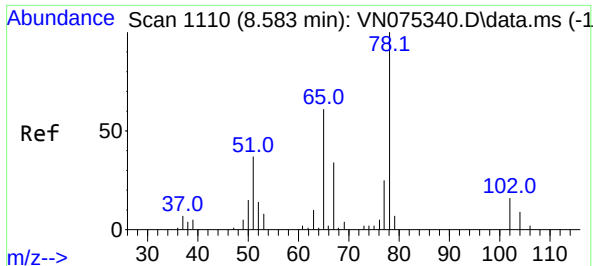
Ion Ratio Lower Upper

56 100

69 200.4 25.2 37.8#

84 186.7 77.8 116.8#

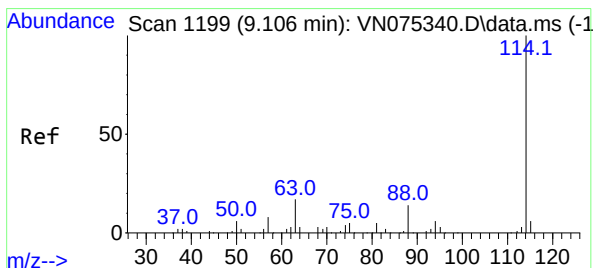
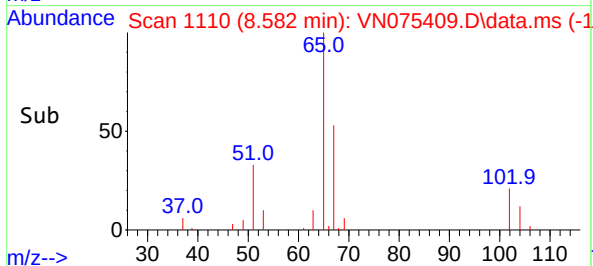
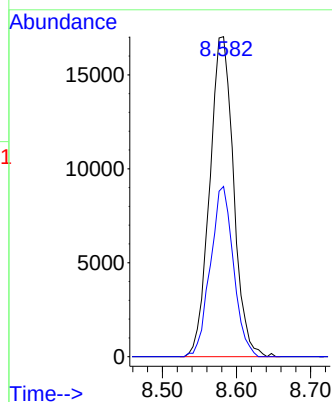
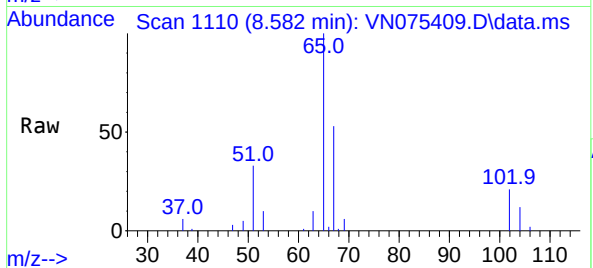




#33
1,2-Dichloroethane-d4
Concen: 46.261 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

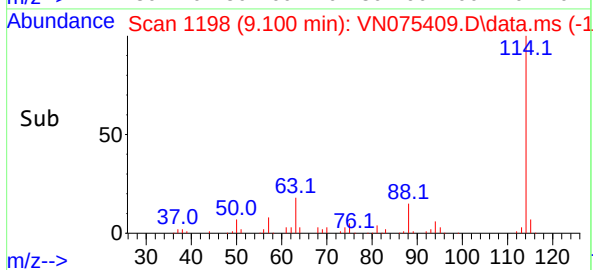
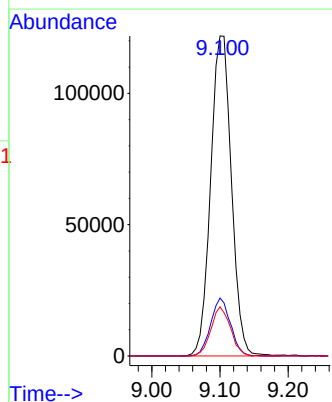
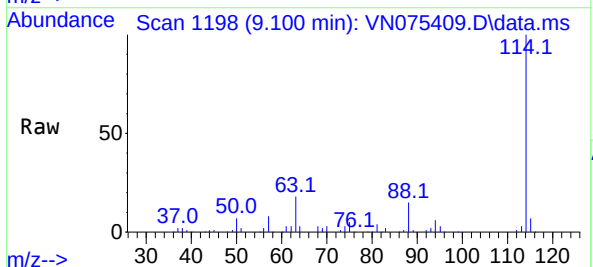
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HS-SPILL-DRUM-11-16

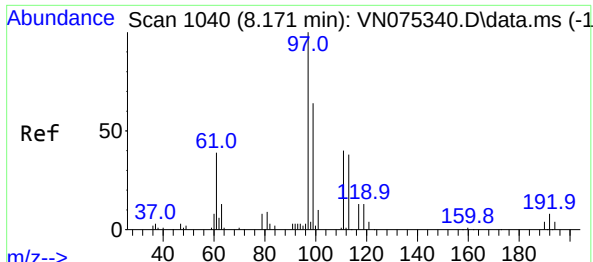
Tgt Ion: 65 Resp: 38170
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 114 Resp: 258620
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.6
88 15.4 0.0 29.0

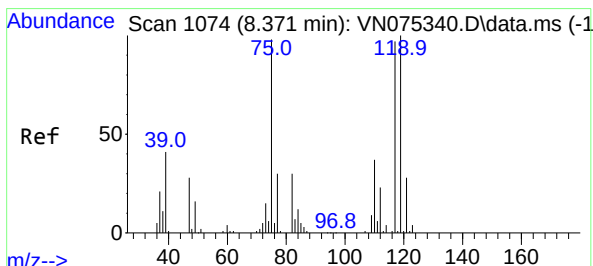
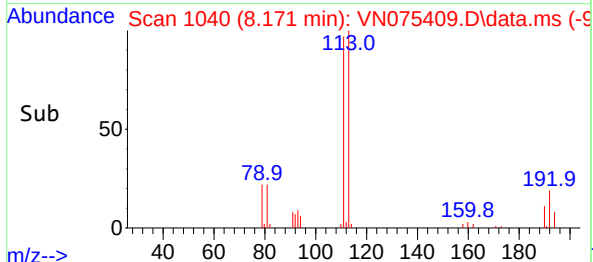
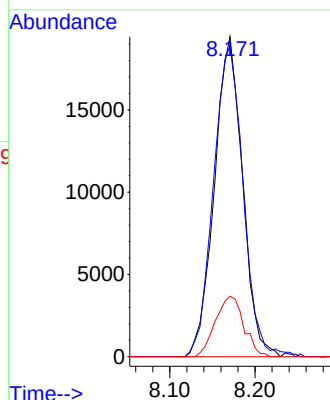
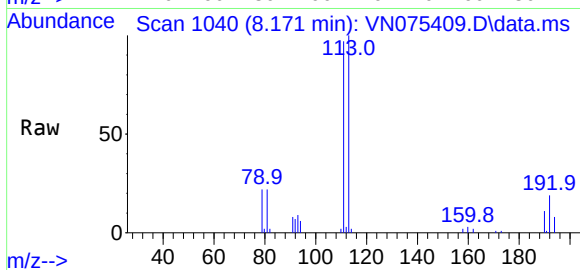




#35
Dibromofluoromethane
Concen: 43.971 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

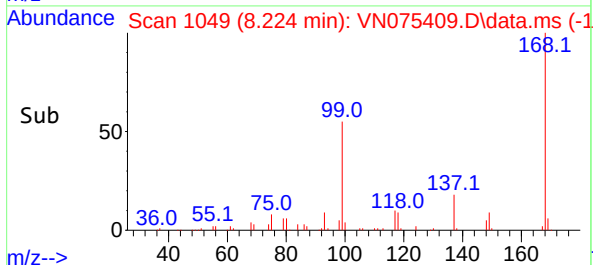
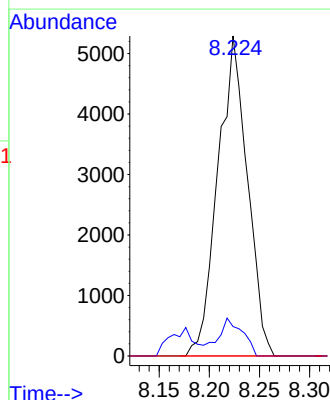
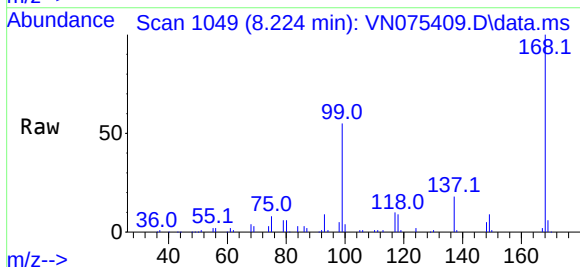
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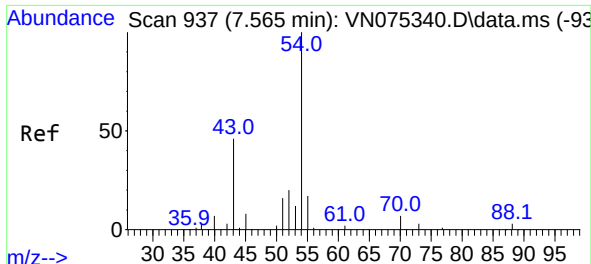
Tgt Ion:113 Resp: 44672
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 19.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 75 Resp: 10834
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.3#
77 0.0 24.6 37.0#

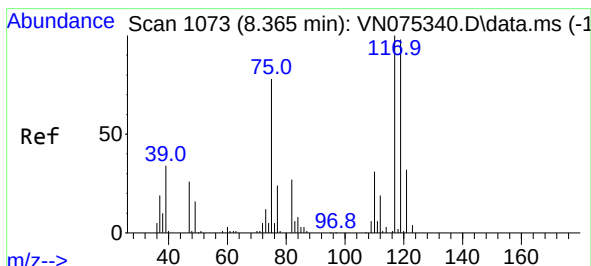
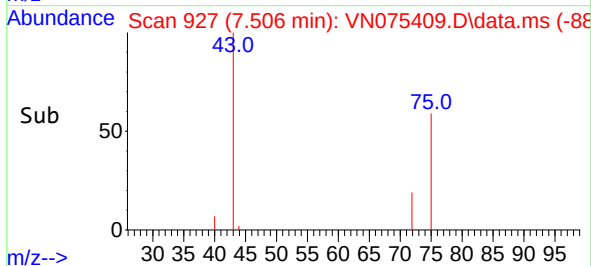
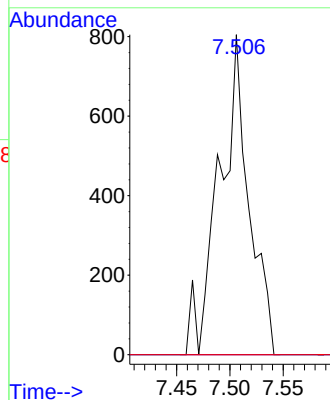
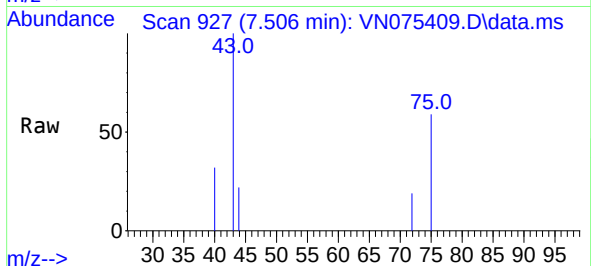




#37
Ethyl Acetate
Concen: 0.781 ug/l
RT: 7.506 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

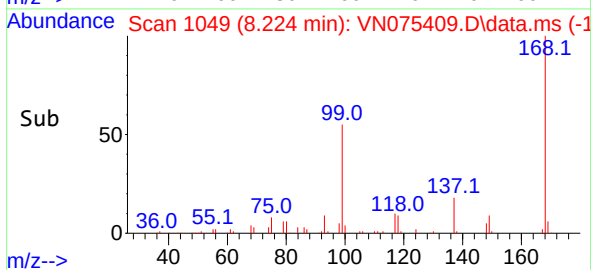
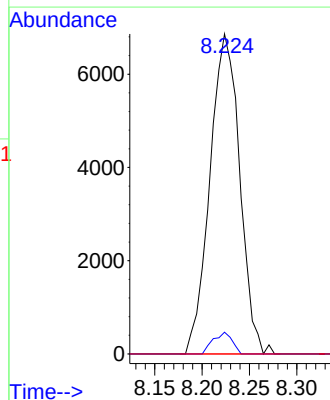
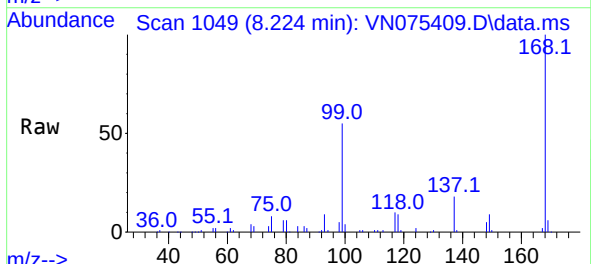
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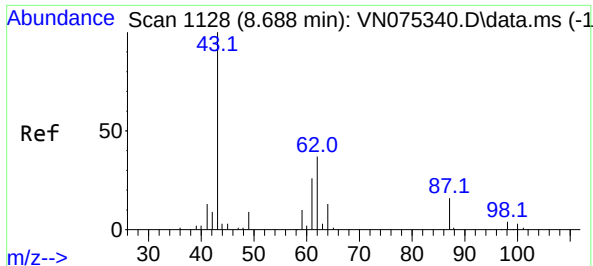
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.175 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 117 Resp: 15029
Ion Ratio Lower Upper
117 100
119 6.8 76.7 115.1#
121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 3.045 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

HS-SPILL-DRUM-11-16

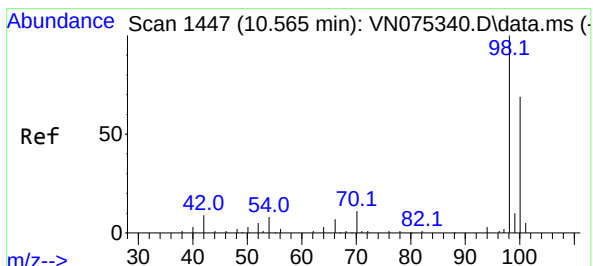
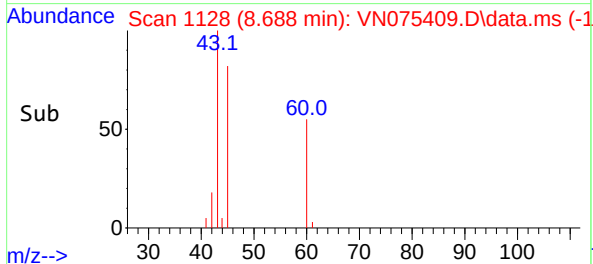
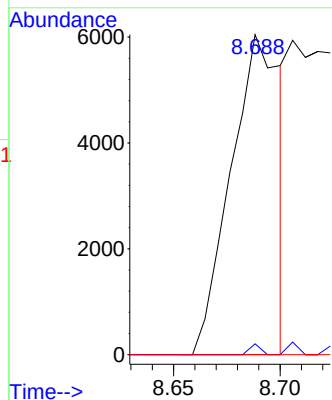
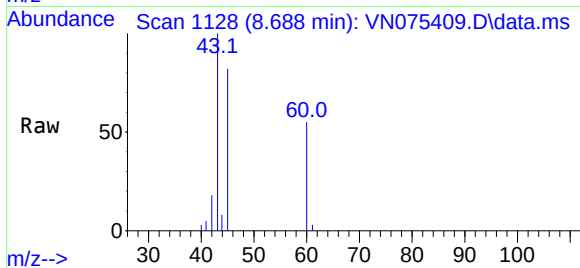
Tgt Ion: 43 Resp: 9751

Ion Ratio Lower Upper

43 100

61 0.7 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 45.057 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075409.D

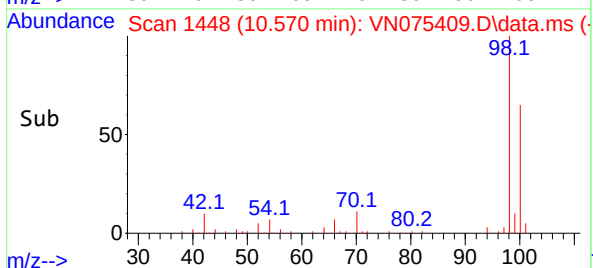
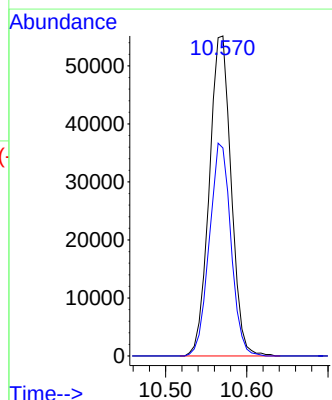
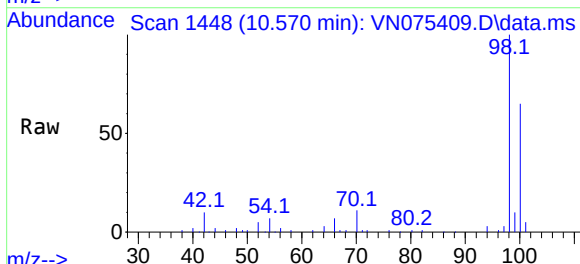
Acq: 23 Nov 2022 20:22

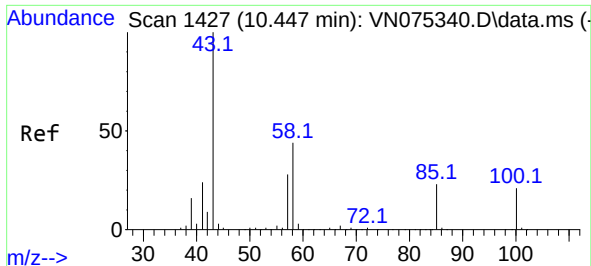
Tgt Ion: 98 Resp: 103098

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.362 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

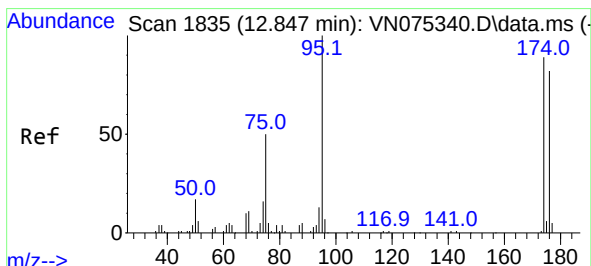
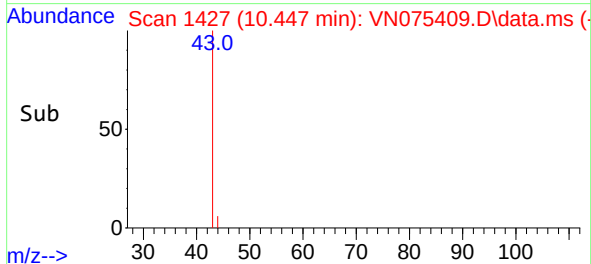
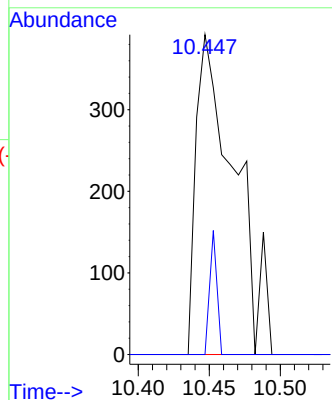
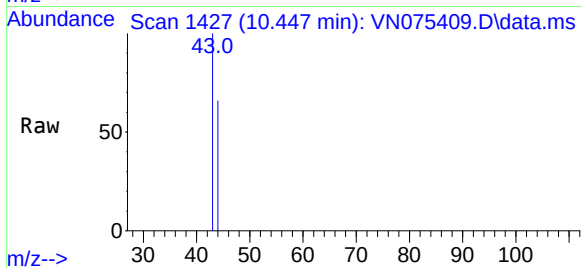
HS-SPILL-DRUM-11-16

Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

58 7.3 33.6 50.4#



#62

4-Bromofluorobenzene

Concen: 42.700 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

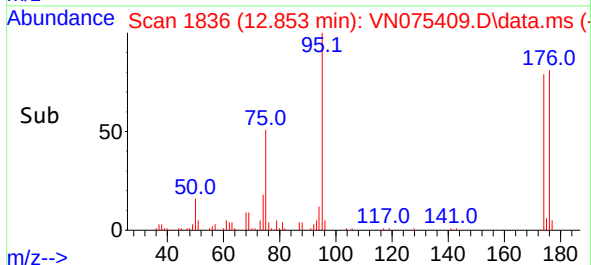
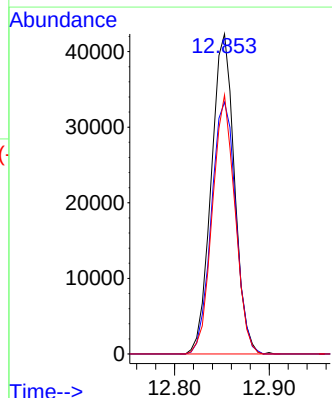
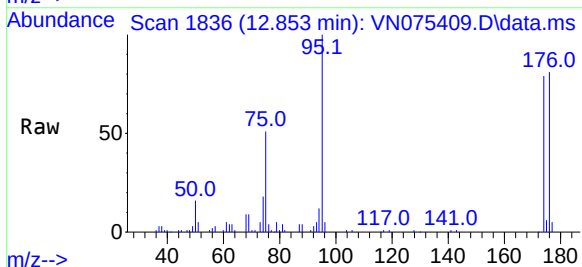
Tgt Ion: 95 Resp: 72117

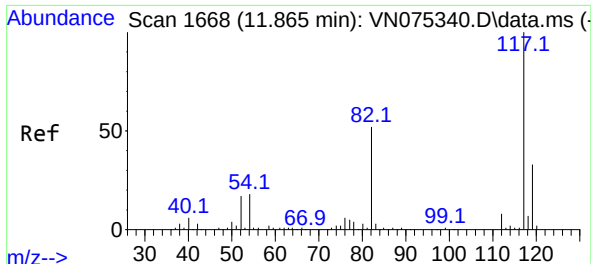
Ion Ratio Lower Upper

95 100

174 82.7 0.0 147.4

176 78.6 0.0 142.2

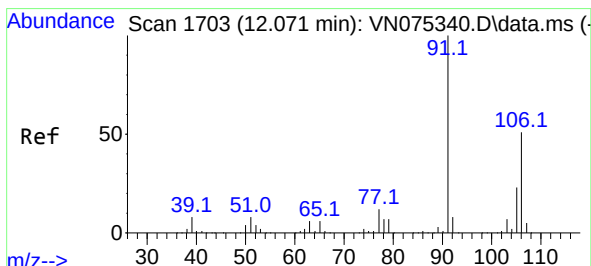
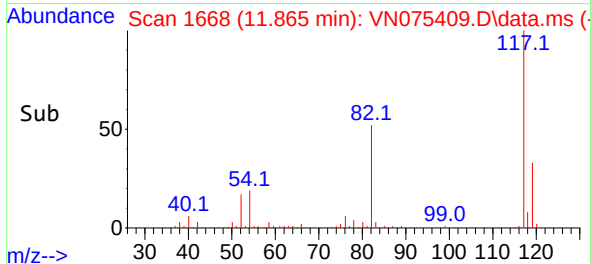
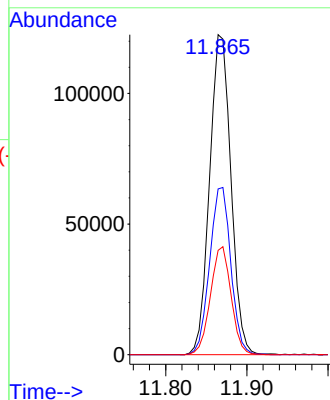
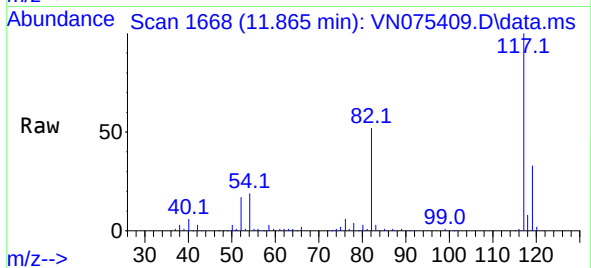




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

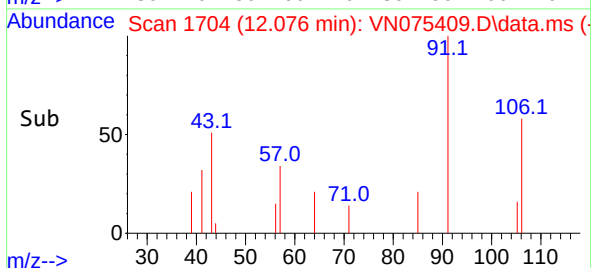
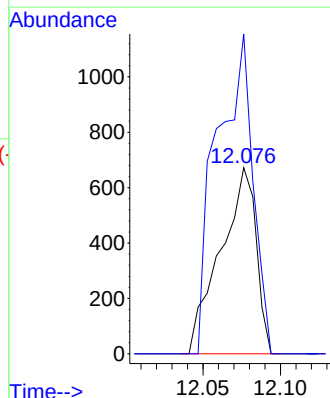
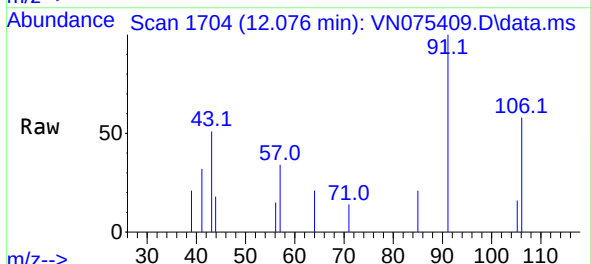
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

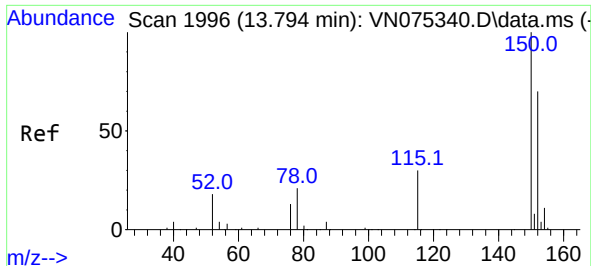
Tgt Ion:117 Resp: 223641
Ion Ratio Lower Upper
117 100
82 51.8 43.1 64.7
119 32.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.336 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion:106 Resp: 1074
Ion Ratio Lower Upper
106 100
91 172.8 156.0 234.0

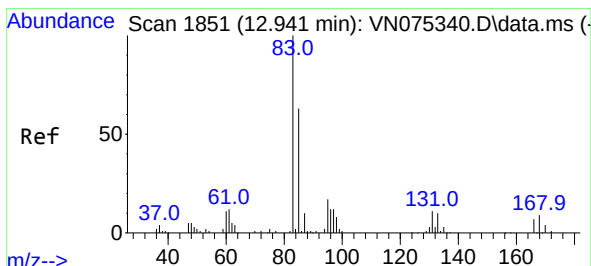
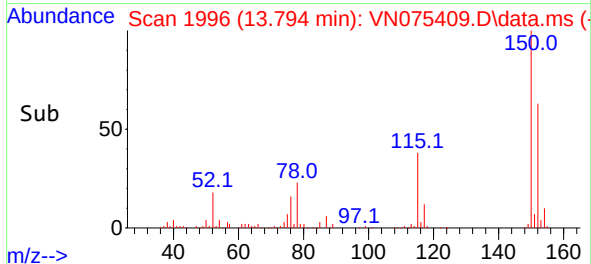
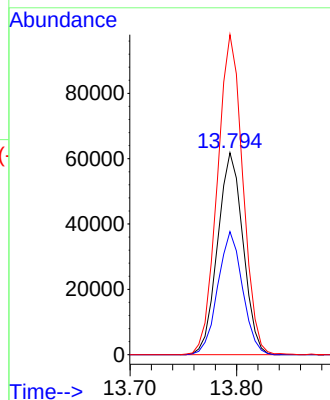
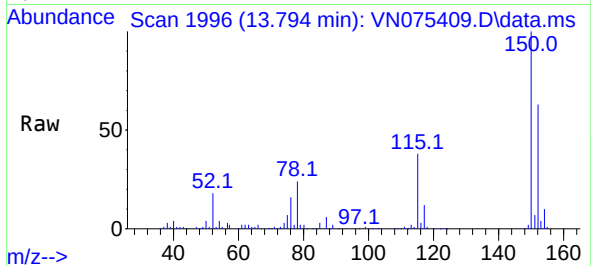




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

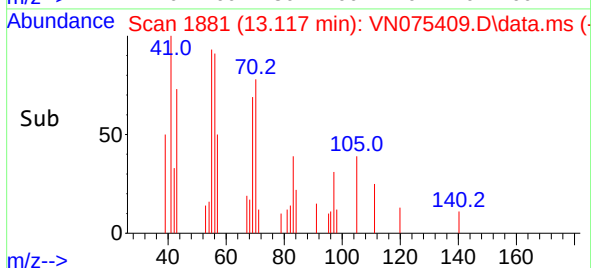
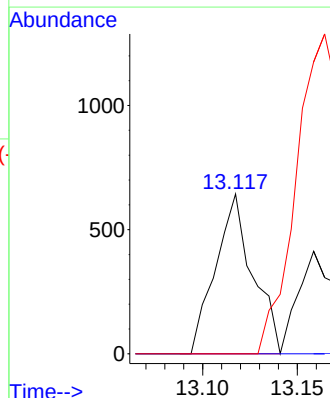
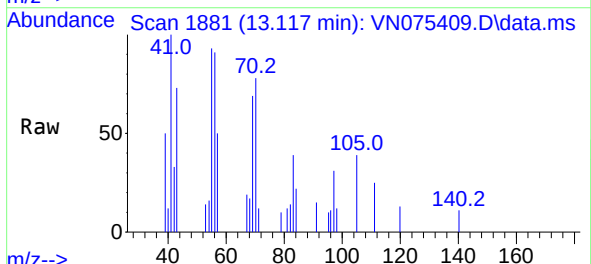
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

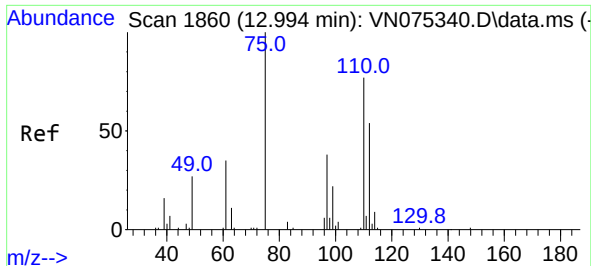
Tgt Ion:152 Resp: 102260
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 159.1 0.0 348.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.386 ug/l
RT: 13.117 min Scan# 1881
Delta R.T. 0.176 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 83 Resp: 880
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 31.6 94.7#

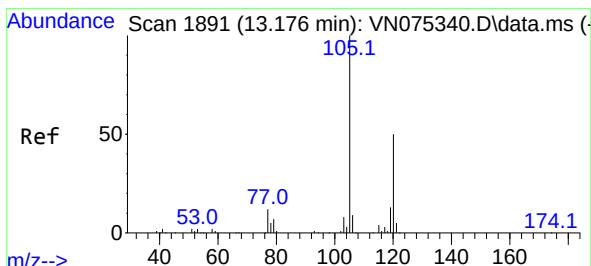
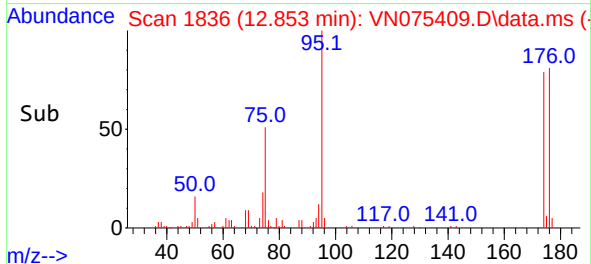
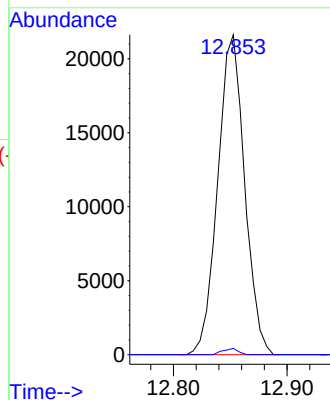
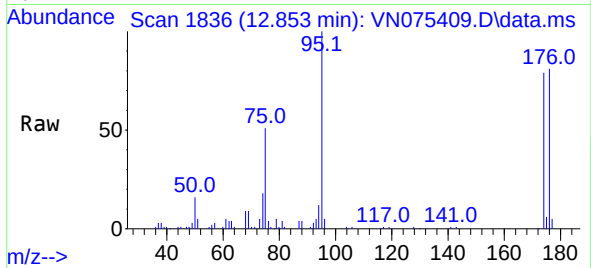




#76
1,2,3-Trichloropropane
Concen: 18.396 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

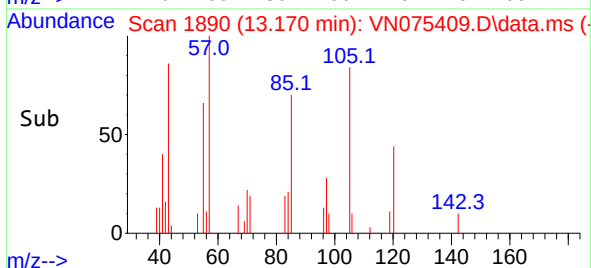
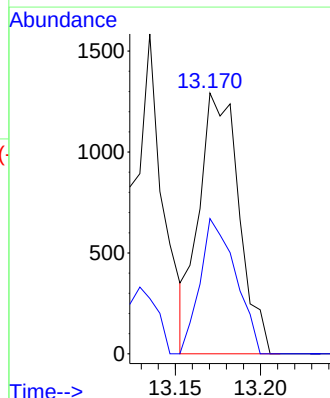
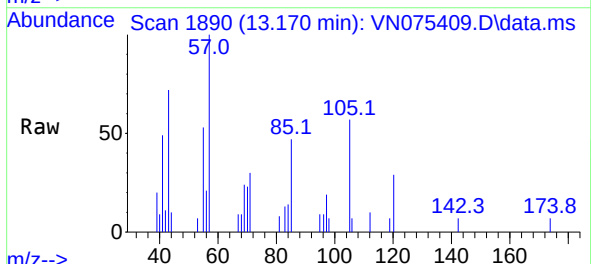
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

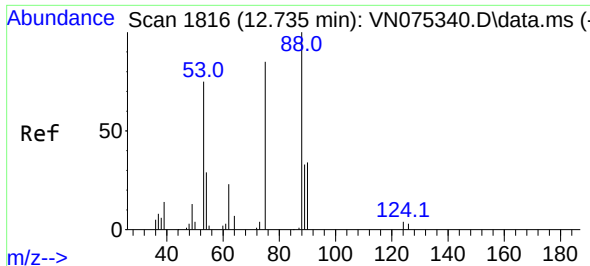
Tgt Ion: 75 Resp: 35568
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.341 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 105 Resp: 2117
Ion Ratio Lower Upper
105 100
120 46.1 24.7 74.1

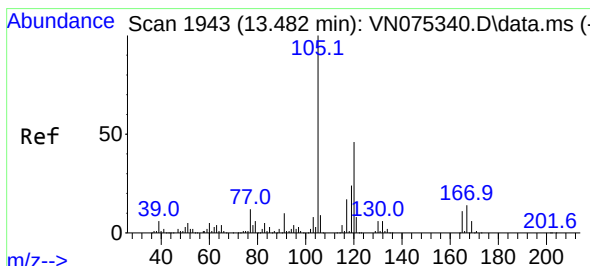
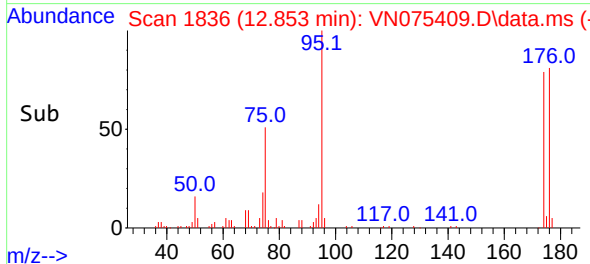
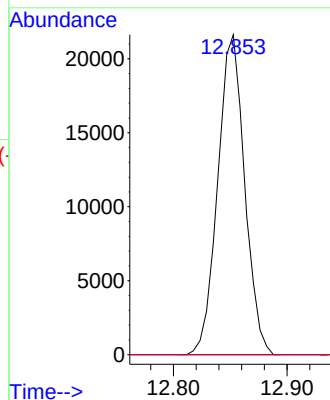
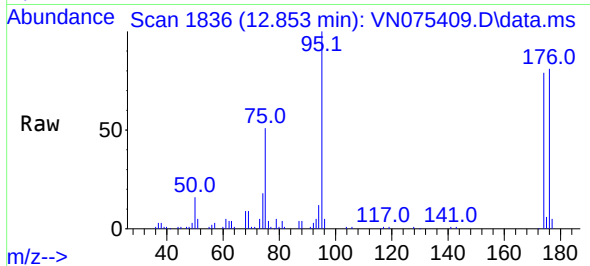




#81
trans-1,4-Dichloro-2-butene
Concen: 54.429 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

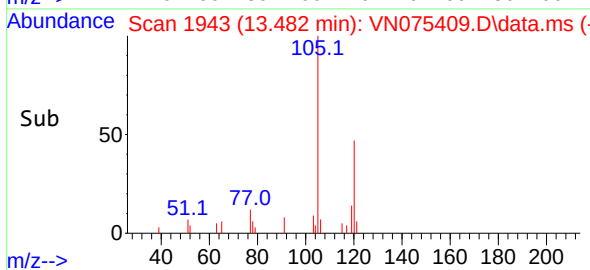
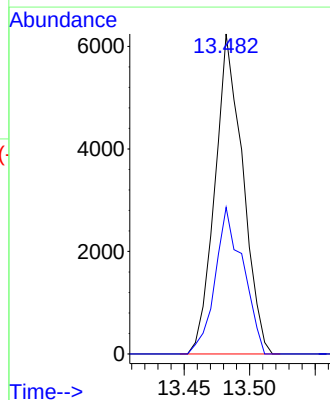
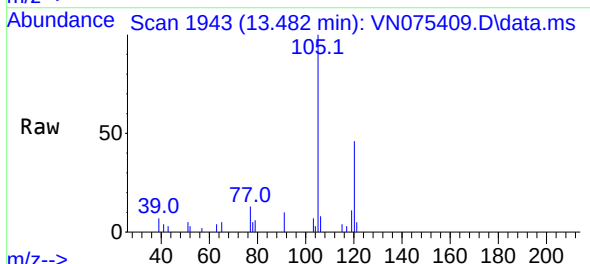
Instrument :
MSVOA_N
ClientSampleId :
HS-SPILL-DRUM-11-16

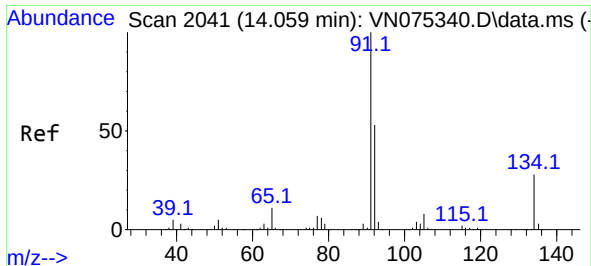
Tgt Ion: 75 Resp: 35568
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.478 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion: 105 Resp: 9202
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





#89

n-Butylbenzene

Concen: 0.326 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075409.D

Acq: 23 Nov 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

HS-SPILL-DRUM-11-16

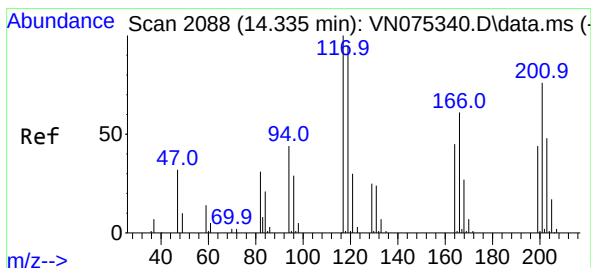
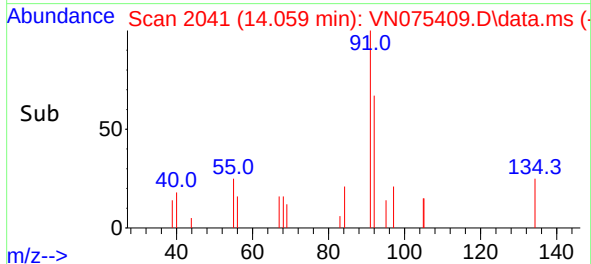
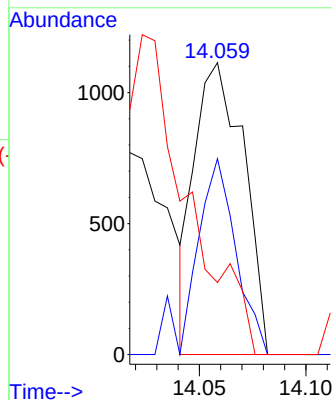
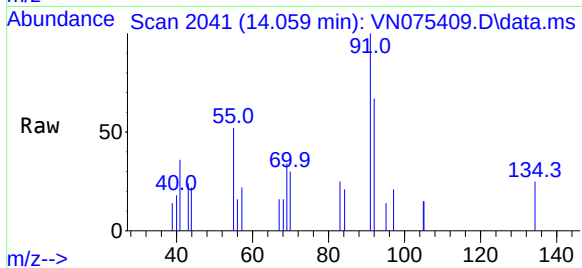
Tgt Ion: 91 Resp: 1780

Ion Ratio Lower Upper

91 100

92 55.2 26.5 79.4

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 0.468 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN075409.D

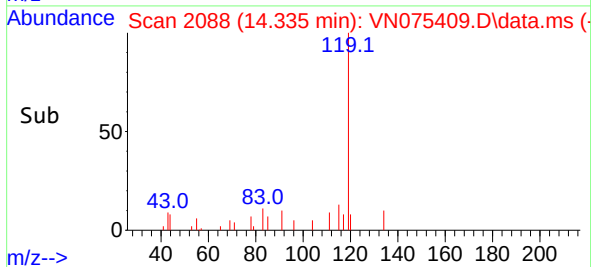
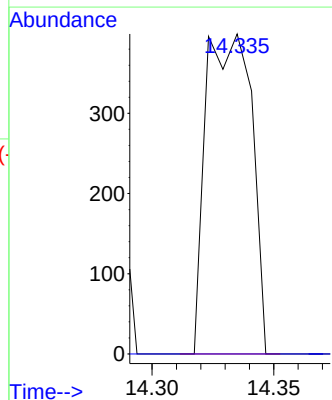
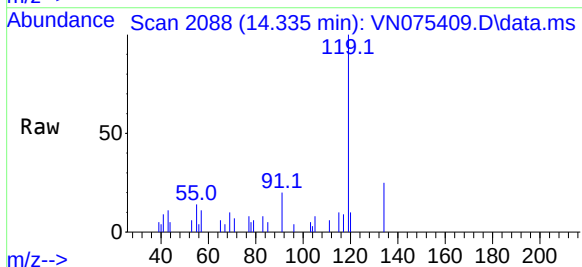
Acq: 23 Nov 2022 20:22

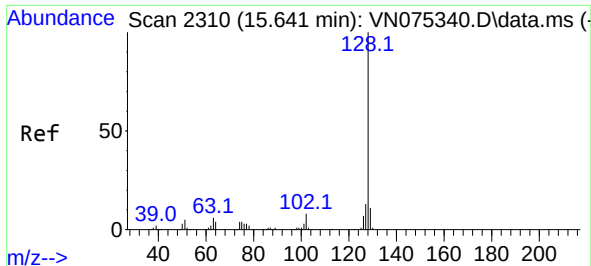
Tgt Ion: 117 Resp: 522

Ion Ratio Lower Upper

117 100

201 0.0 31.5 94.5#

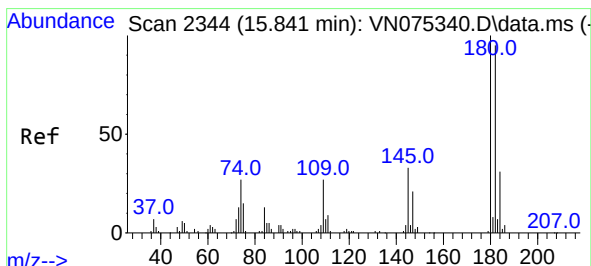
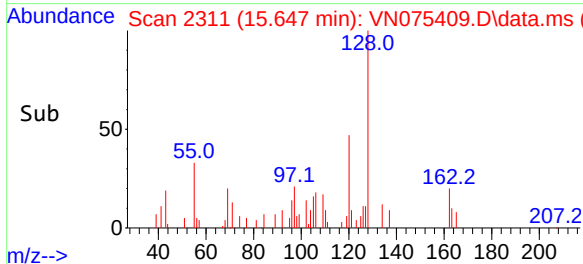
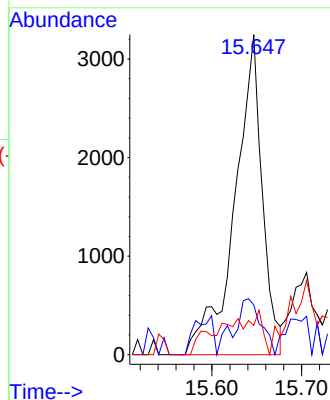
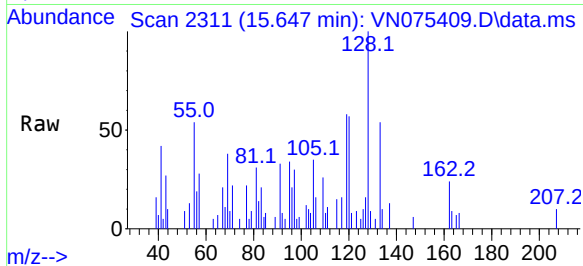




#95
Naphthalene
Concen: 1.258 ug/l
RT: 15.647 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

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

Tgt Ion:128 Resp: 6909
Ion Ratio Lower Upper
128 100
127 17.1 10.4 15.6#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.406 ug/l
RT: 15.864 min Scan# 2348
Delta R.T. 0.023 min
Lab File: VN075409.D
Acq: 23 Nov 2022 20:22

Tgt Ion:180 Resp: 696
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 17.6 52.9#

