

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071689.D
 Acq On : 31 Mar 2022 04:08
 Operator : JC\MD
 Sample : PB143727TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143727TB

Quant Time: Mar 31 07:47:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

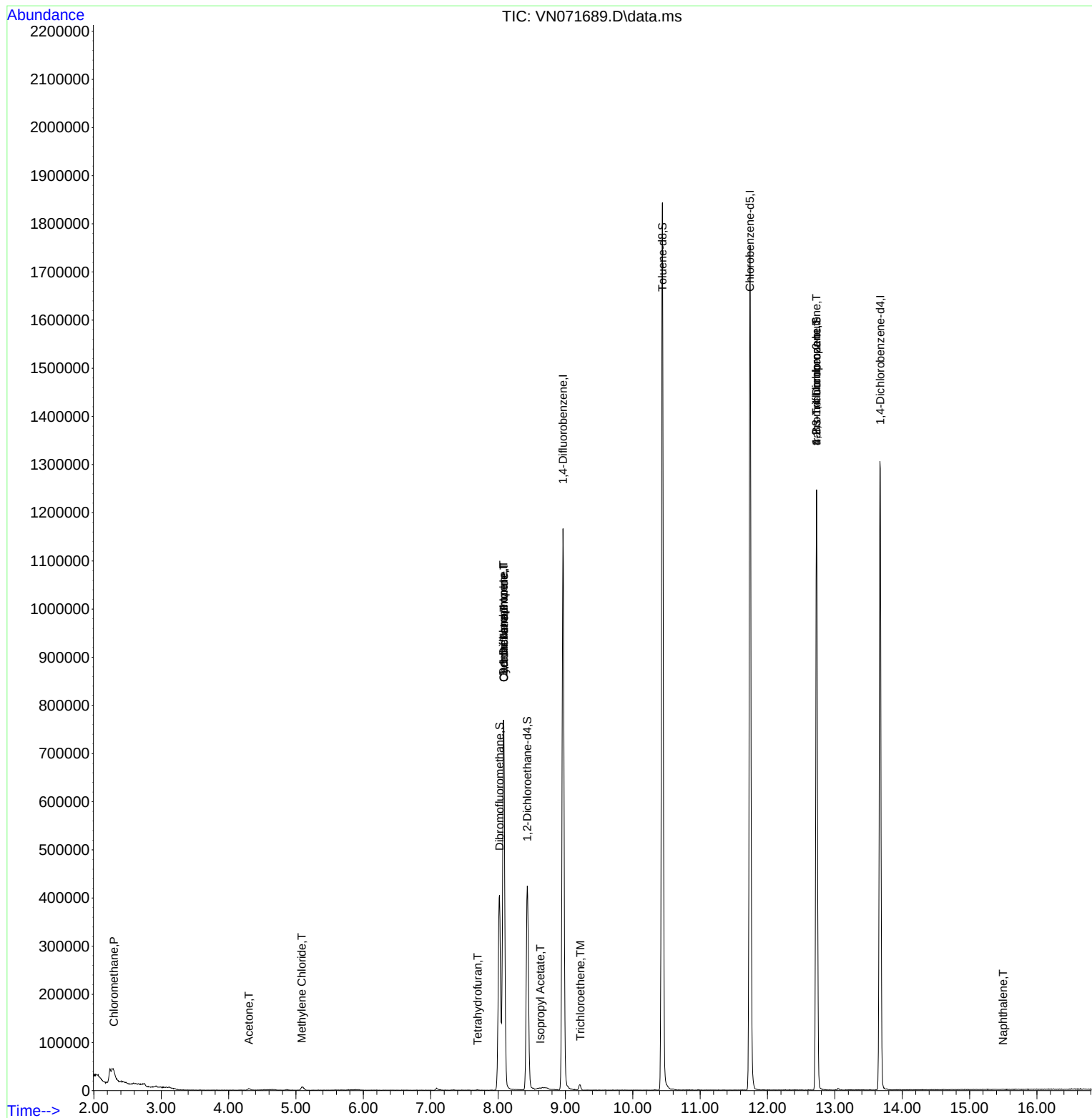
Internal Standards							
1) Pentafluorobenzene		8.081	168	626314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.963	114	1071247	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.739	117	1081377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.674	152	390933	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.434	65	362668	50.722	ug/l	0.00
Spiked Amount 50.000		Range 61 - 141		Recovery = 101.440%			
35) Dibromofluoromethane		8.022	113	307828	48.833	ug/l	0.00
Spiked Amount 50.000		Range 69 - 133		Recovery = 97.660%			
50) Toluene-d8		10.439	98	1325290	51.394	ug/l	0.00
Spiked Amount 50.000		Range 65 - 126		Recovery = 102.780%			
62) 4-Bromofluorobenzene		12.727	95	446337	53.518	ug/l	0.00
Spiked Amount 50.000		Range 58 - 135		Recovery = 107.040%			
Target Compounds						Qvalue	
3) Chloromethane		2.299	50	1872	0.297	ug/l	90
16) Acetone		4.298	43	4480	1.466	ug/l	94
18) Methyl Acetate		4.851	43	2350	Below Cal	#	88
20) Methylene Chloride		5.087	84	6423	0.997	ug/l #	81
29) Tetrahydrofuran		7.698	42	807	0.283	ug/l #	60
31) Cyclohexane		8.086	56	11279	1.160	ug/l #	18
36) 1,1-Dichloropropene		8.081	75	43451	4.936	ug/l #	49
38) Carbon Tetrachloride		8.086	117	57563	6.672	ug/l #	17
43) Isopropyl Acetate		8.628	43	5819	0.363	ug/l #	53
44) Trichloroethene		9.222	130	4894	0.683	ug/l	95
76) 1,2,3-Trichloropropane		12.727	75	217963	24.068	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.727	75	217963	74.585	ug/l #	10
95) Naphthalene		15.498	128	329	3.820	ug/l #	69

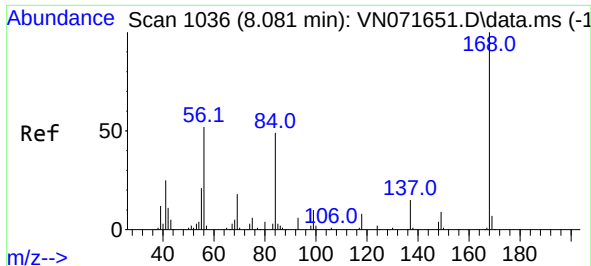
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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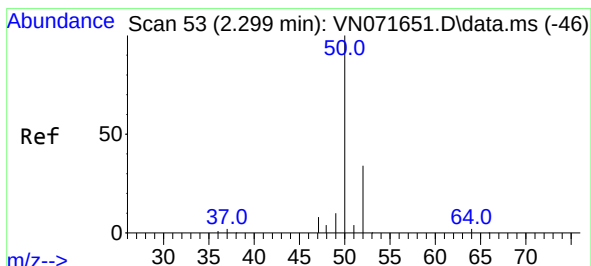
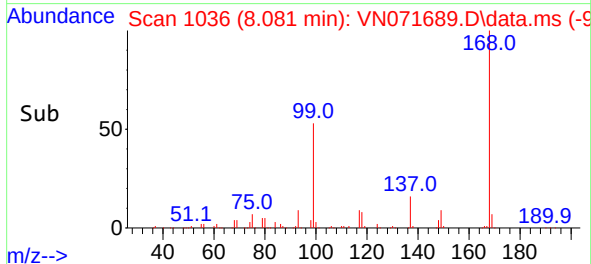
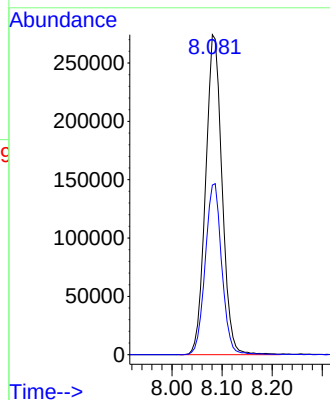
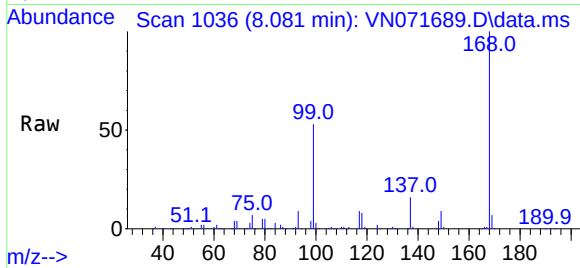




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

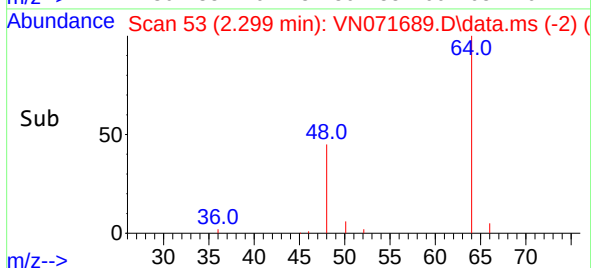
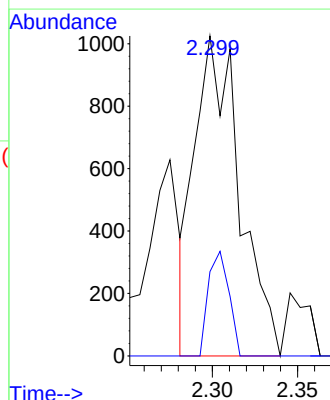
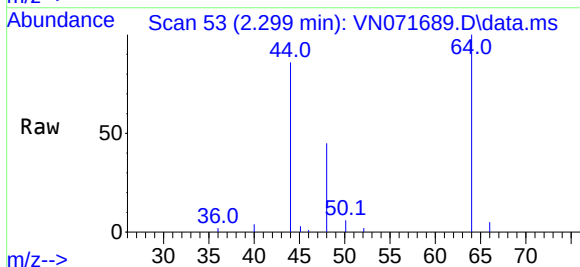
Instrument :
MSVOA_N
ClientSampleId :
PB143727TB

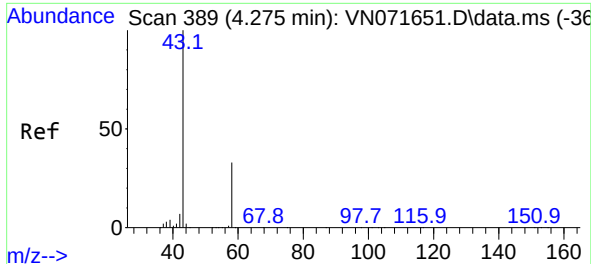
Tgt Ion:168 Resp: 626314
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 0.297 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion: 50 Resp: 1872
Ion Ratio Lower Upper
50 100
52 26.3 25.7 38.5





#16

Acetone

Concen: 1.466 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.023 min

Lab File: VN071689.D

Acq: 31 Mar 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

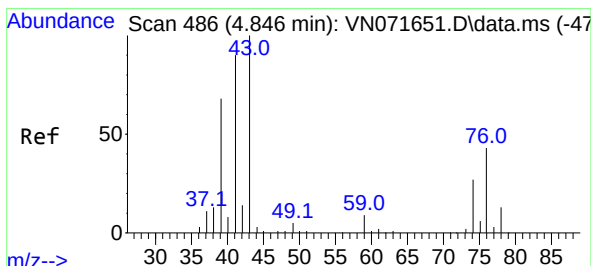
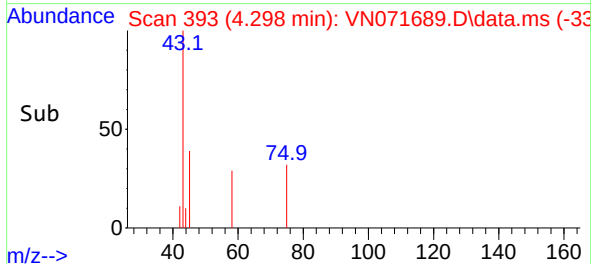
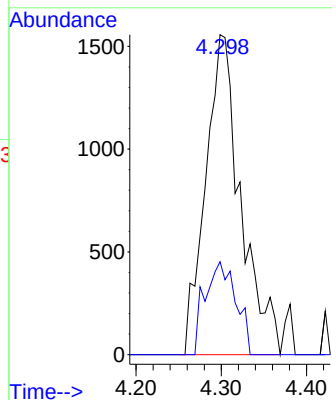
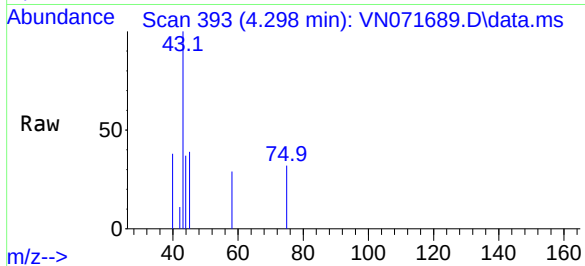
PB143727TB

Tgt Ion: 43 Resp: 4480

Ion Ratio Lower Upper

43 100

58 29.0 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.851 min Scan# 487

Delta R.T. 0.005 min

Lab File: VN071689.D

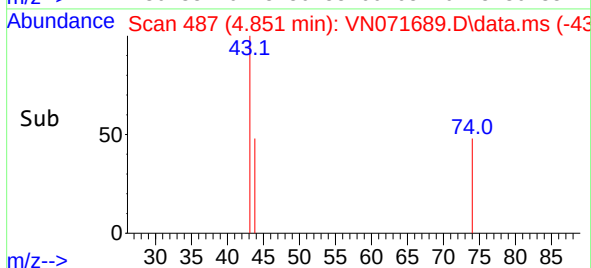
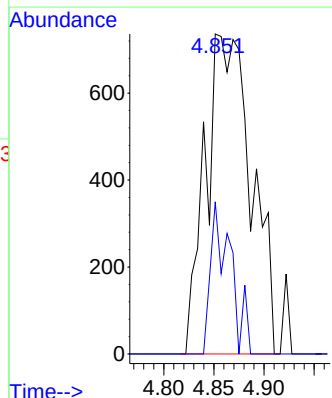
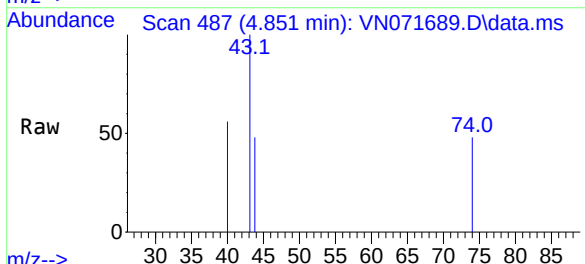
Acq: 31 Mar 2022 04:08

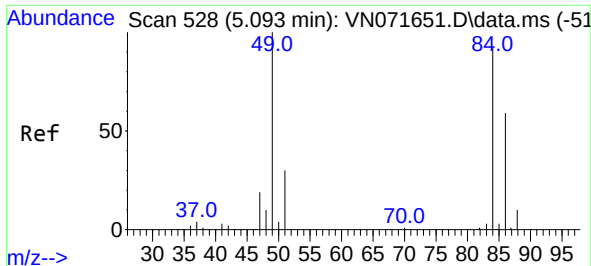
Tgt Ion: 43 Resp: 2350

Ion Ratio Lower Upper

43 100

74 20.7 21.6 32.4#

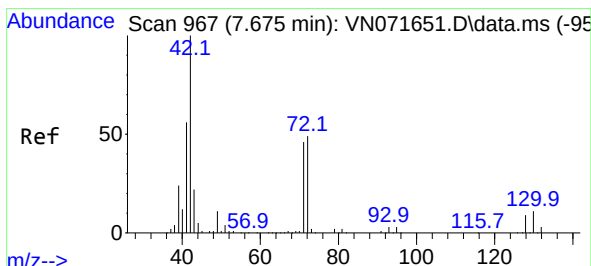
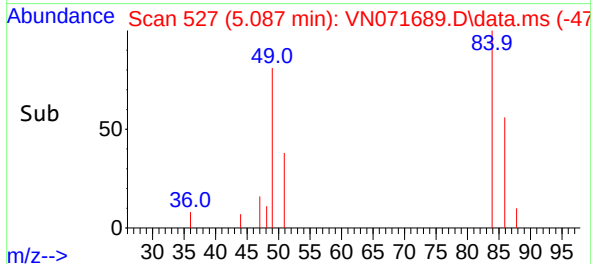
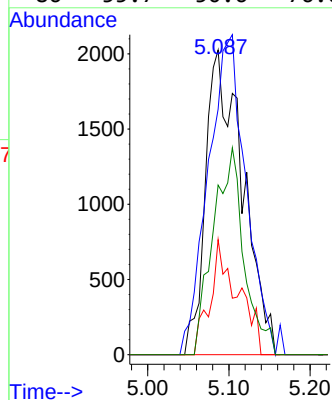
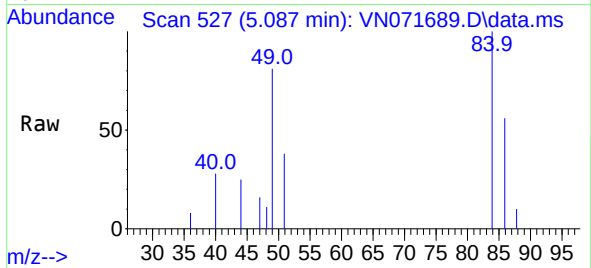




#20
Methylene Chloride
Concen: 0.997 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

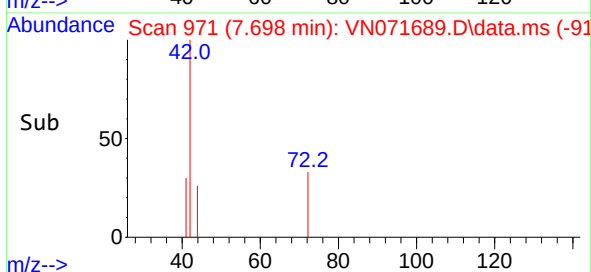
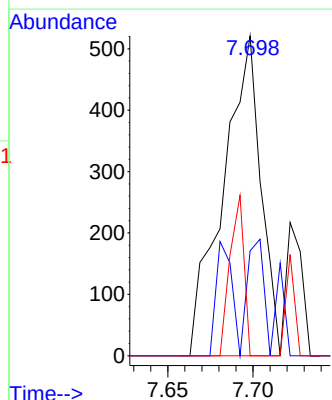
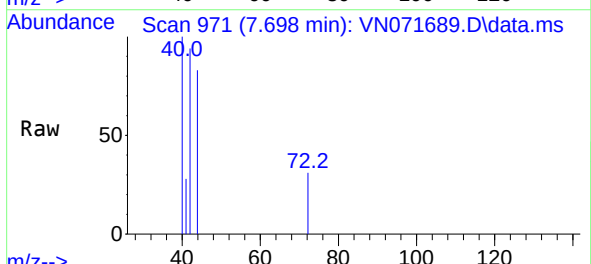
Instrument :
MSVOA_N
ClientSampleId :
PB143727TB

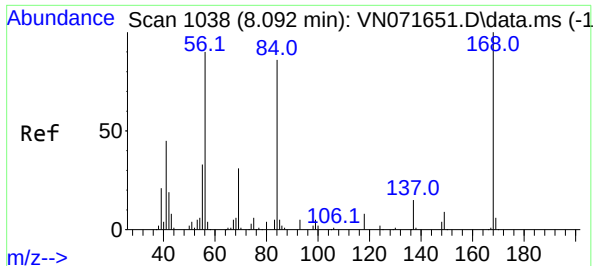
Tgt Ion: 84 Resp: 6423
Ion Ratio Lower Upper
84 100
49 80.6 88.3 132.5#
51 37.8 28.2 42.2
86 55.7 50.6 76.0



#29
Tetrahydrofuran
Concen: 0.283 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.023 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion: 42 Resp: 807
Ion Ratio Lower Upper
42 100
72 22.4 39.7 59.5#
71 18.6 36.6 55.0#





#31

Cyclohexane

Concen: 1.160 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071689.D

Acq: 31 Mar 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

PB143727TB

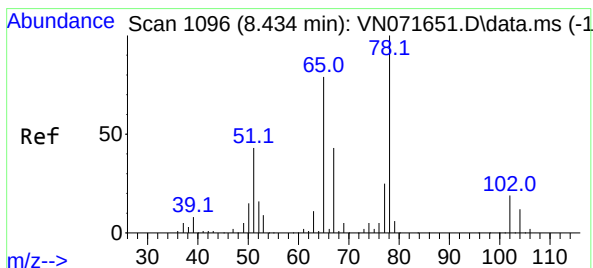
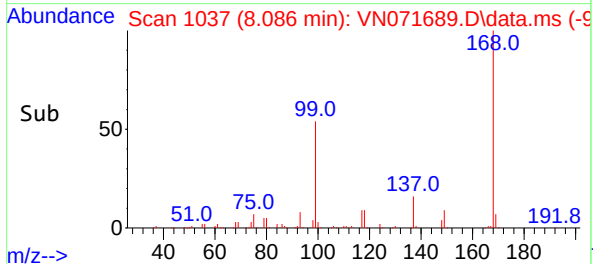
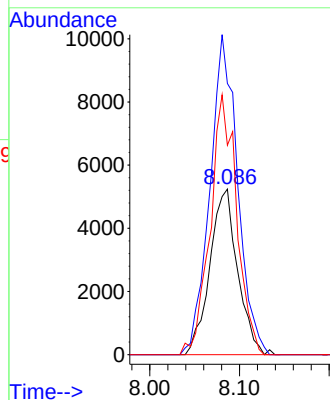
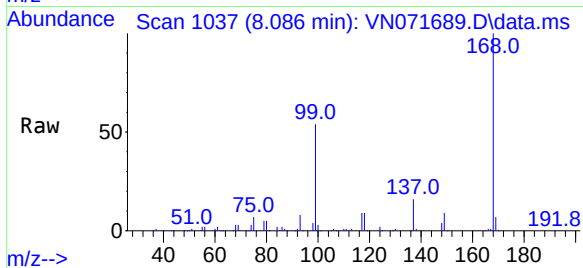
Tgt Ion: 56 Resp: 11279

Ion Ratio Lower Upper

56 100

69 163.9 27.8 41.8#

84 126.5 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.722 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071689.D

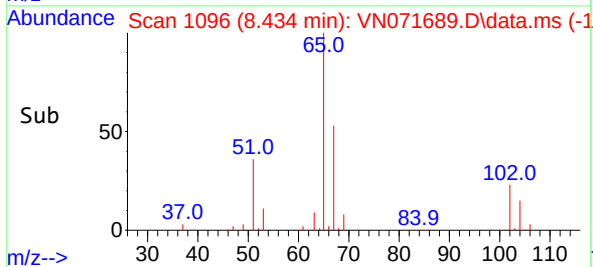
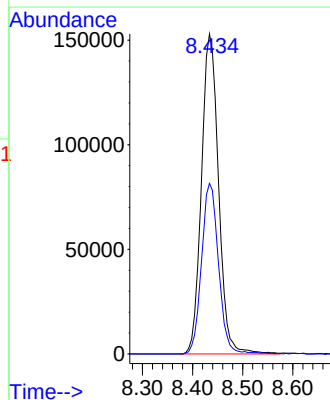
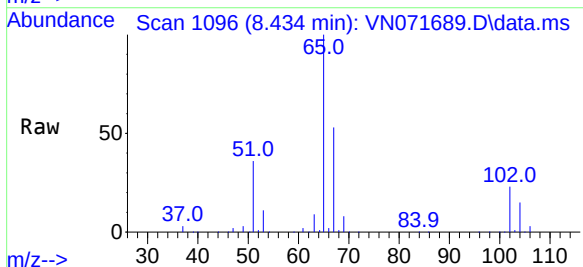
Acq: 31 Mar 2022 04:08

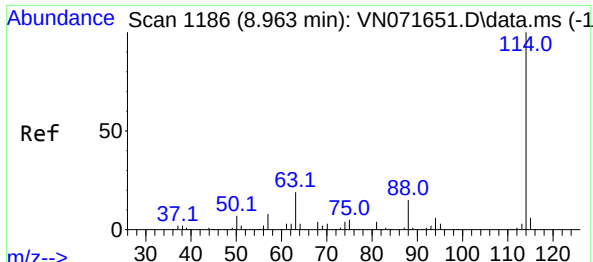
Tgt Ion: 65 Resp: 362668

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8

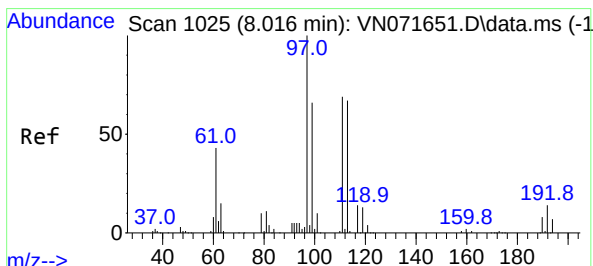
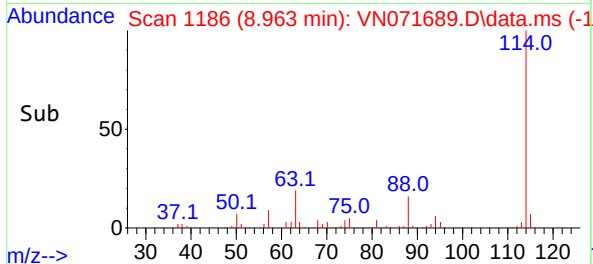
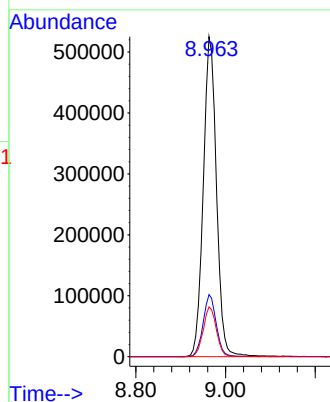
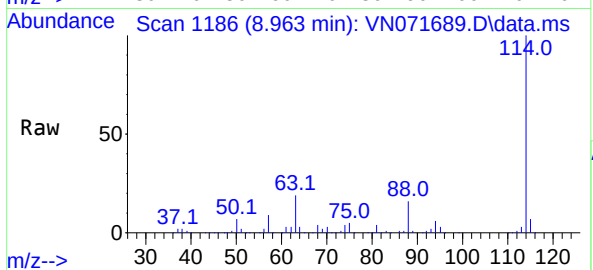




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

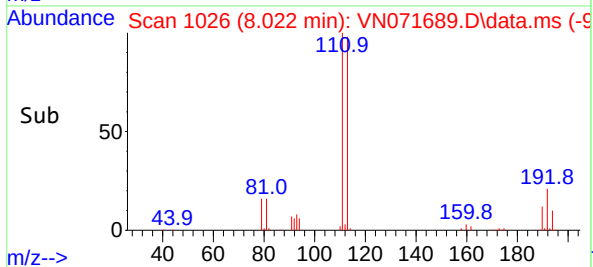
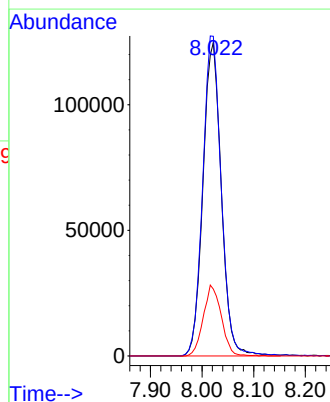
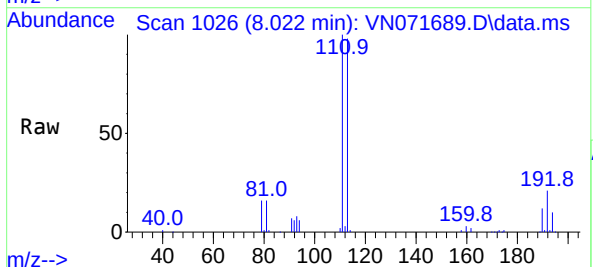
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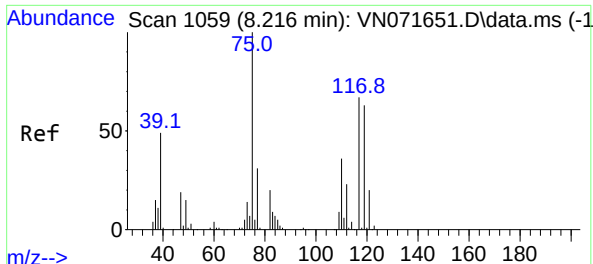
Tgt Ion:114 Resp: 1071247
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.833 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion:113 Resp: 307828
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071689.D

Acq: 31 Mar 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

PB143727TB

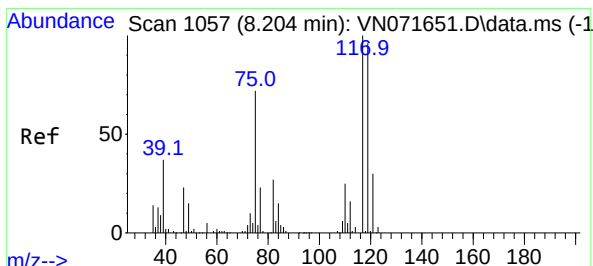
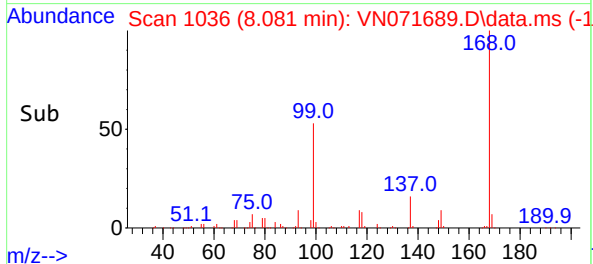
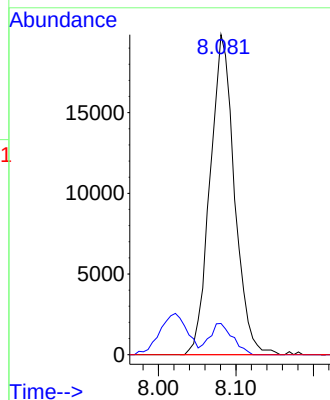
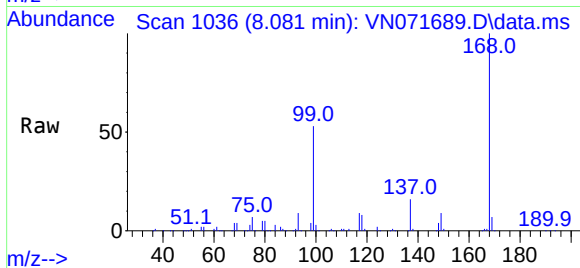
Tgt Ion: 75 Resp: 43451

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.672 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN071689.D

Acq: 31 Mar 2022 04:08

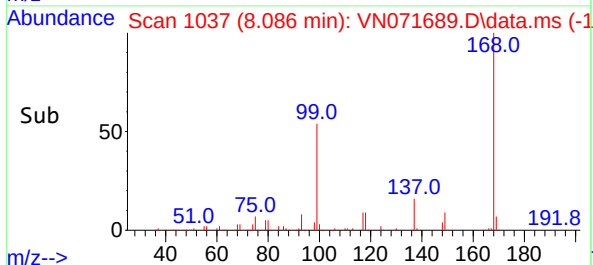
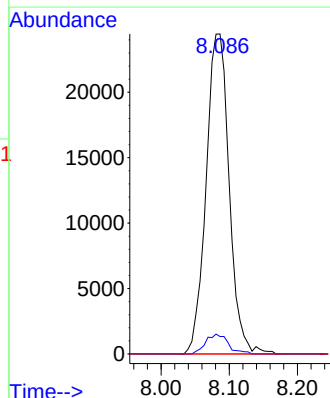
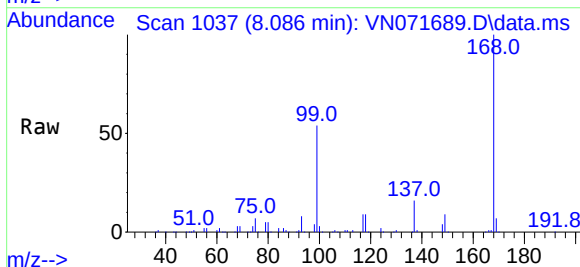
Tgt Ion: 117 Resp: 57563

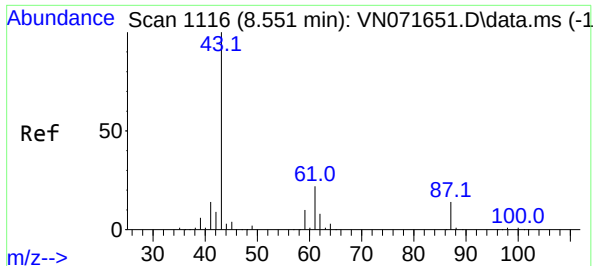
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.8#

121 0.0 24.6 37.0#

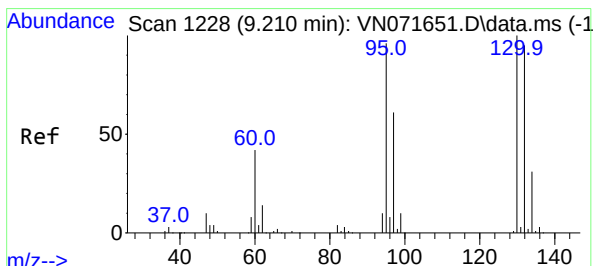
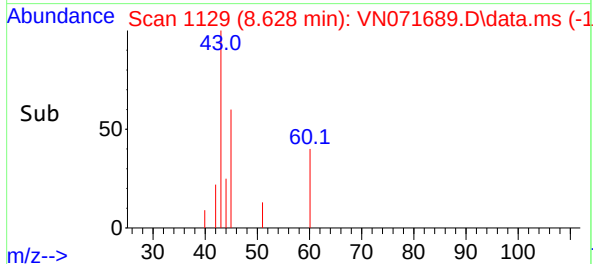
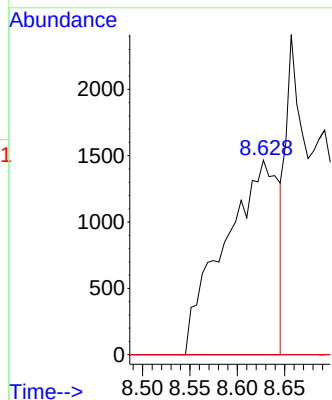
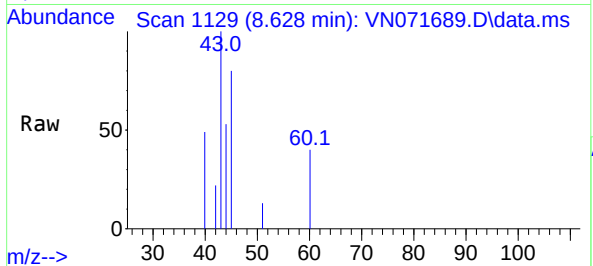




#43
Isopropyl Acetate
Concen: 0.363 ug/l
RT: 8.628 min Scan# 1116
Delta R.T. 0.077 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

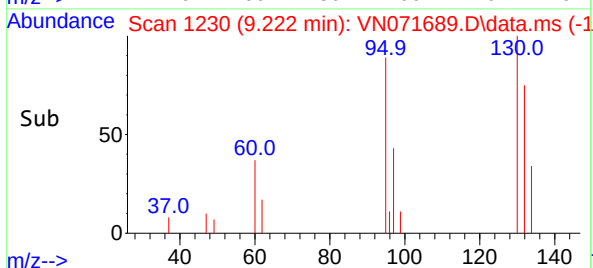
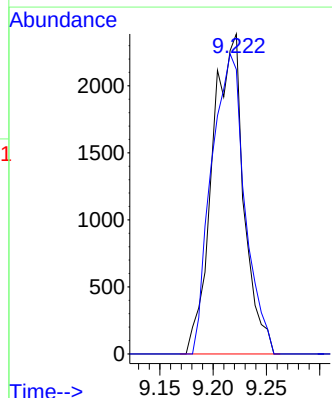
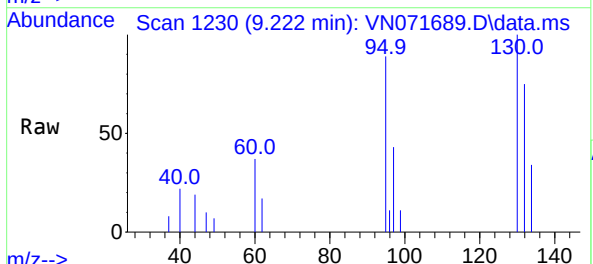
Instrument :
MSVOA_N
ClientSampleId :
PB143727TB

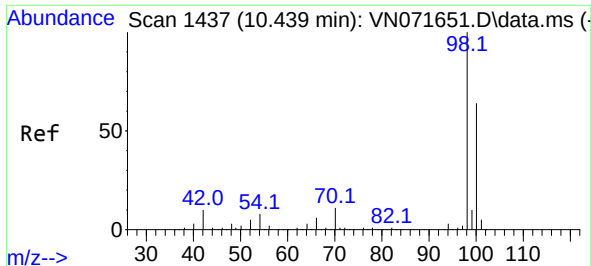
Tgt Ion: 43 Resp: 5819
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.683 ug/l
RT: 9.222 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion: 130 Resp: 4894
Ion Ratio Lower Upper
130 100
95 88.9 0.0 186.8

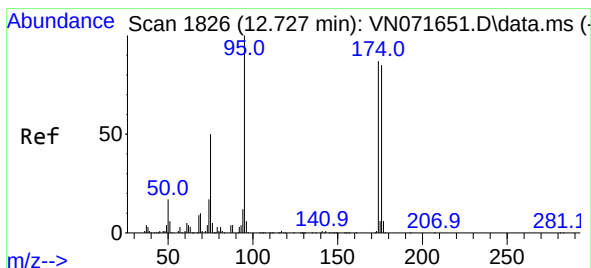
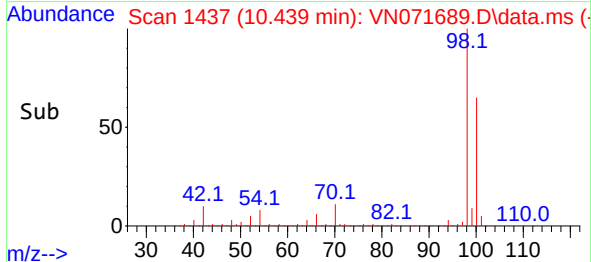
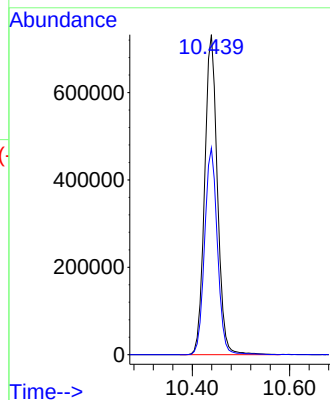
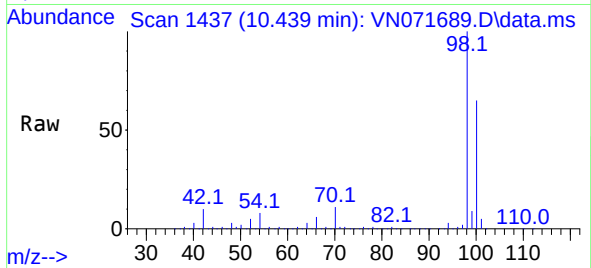




#50
Toluene-d8
Concen: 51.394 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

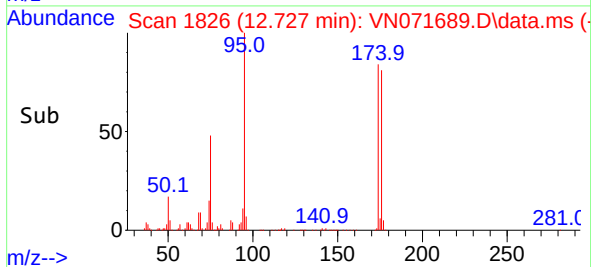
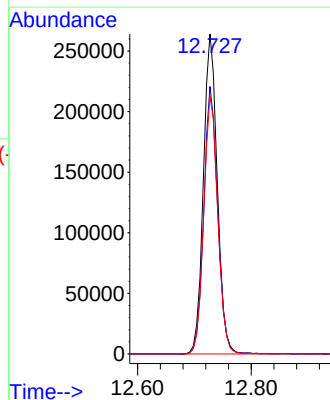
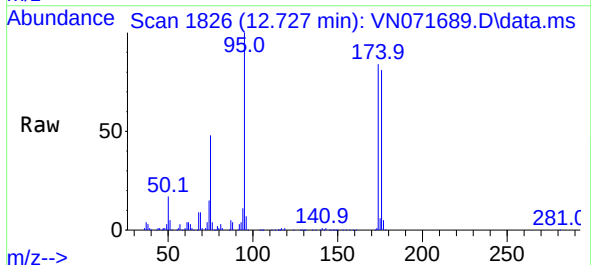
Instrument :
MSVOA_N
ClientSampleId :
PB143727TB

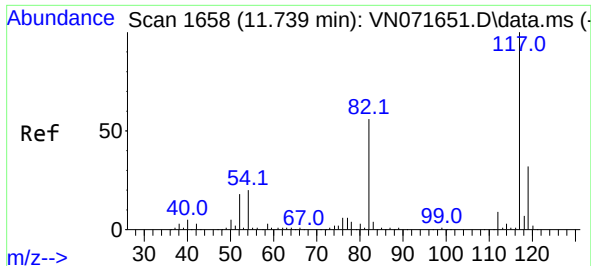
Tgt Ion: 98 Resp: 1325290
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.518 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion: 95 Resp: 446337
Ion Ratio Lower Upper
95 100
174 83.6 0.0 167.6
176 81.3 0.0 163.4

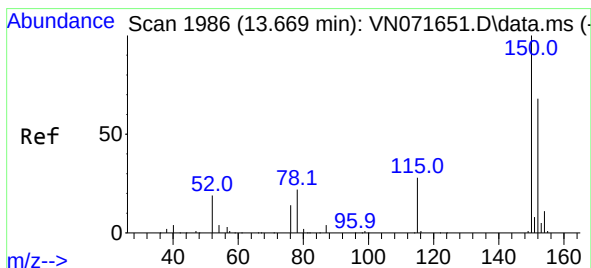
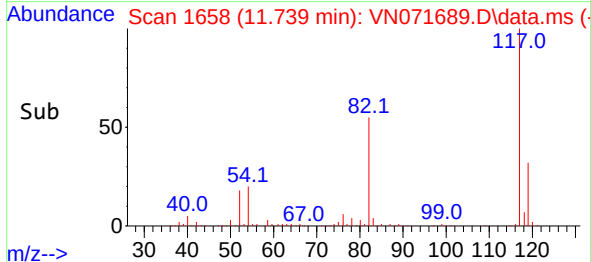
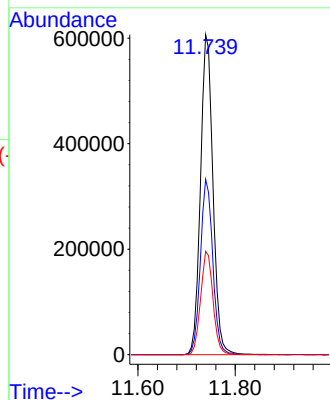
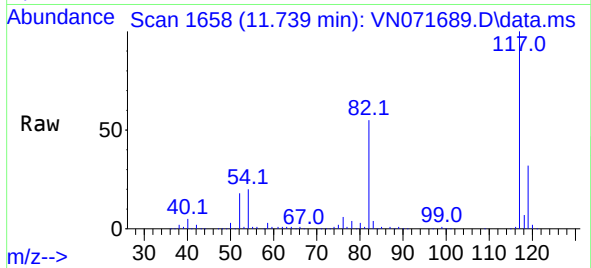




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

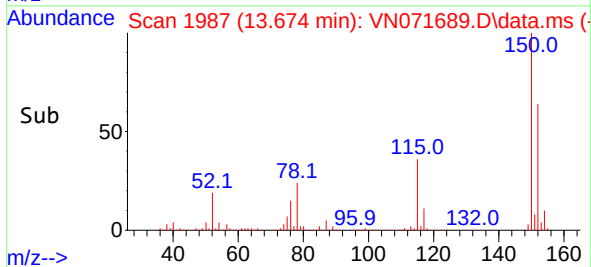
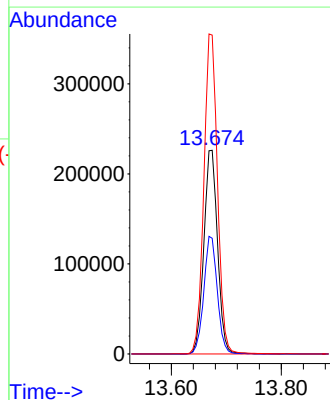
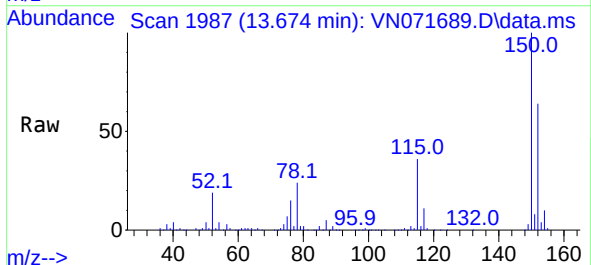
Instrument :
MSVOA_N
ClientSampleId :
PB143727TB

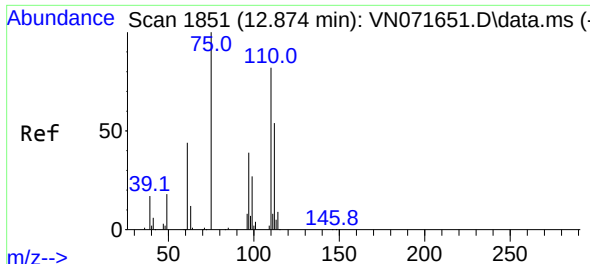
Tgt Ion:117 Resp: 1081377
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion:152 Resp: 390933
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 155.9 0.0 356.2

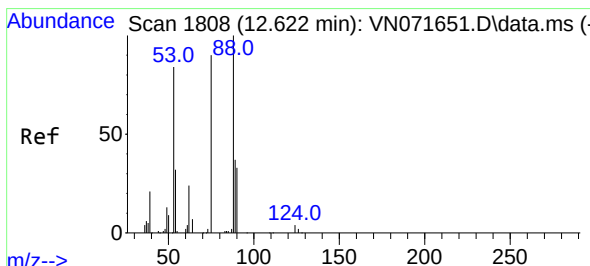
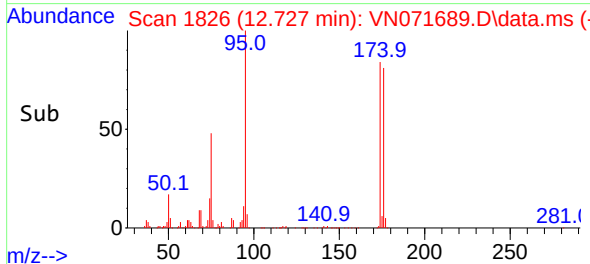
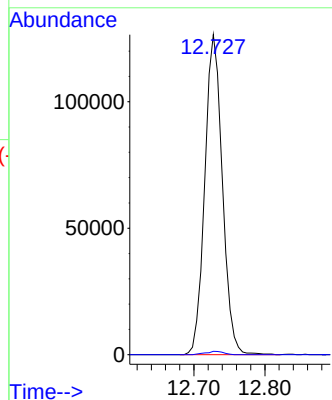
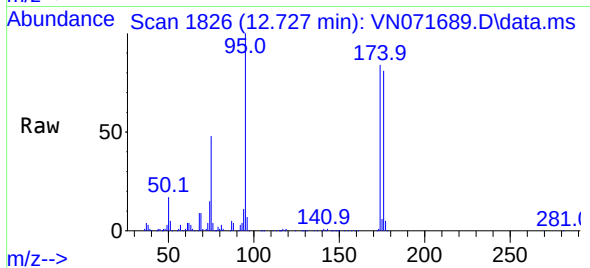




#76
1,2,3-Trichloropropane
Concen: 24.068 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

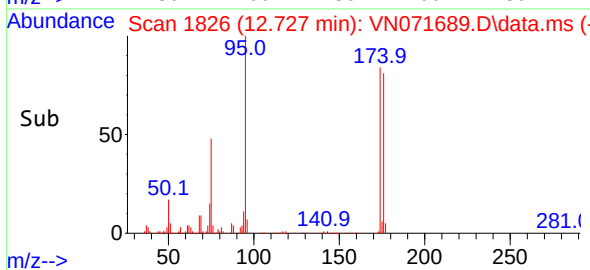
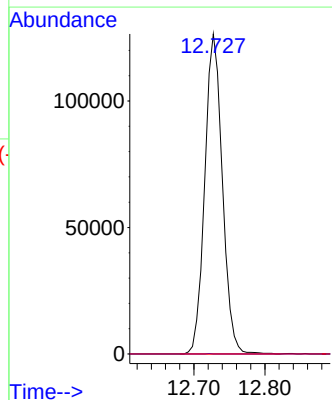
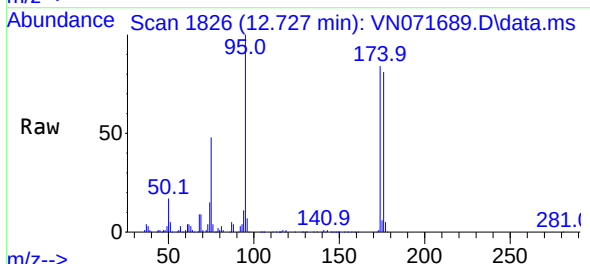
Instrument :
MSVOA_N
ClientSampleId :
PB143727TB

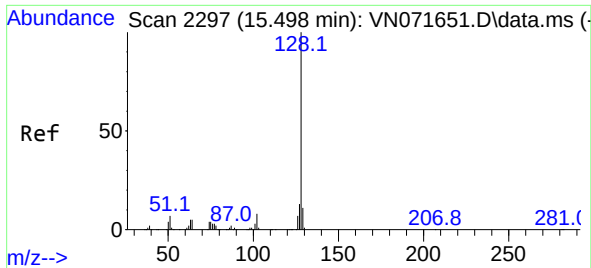
Tgt Ion: 75 Resp: 217963
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.585 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071689.D
Acq: 31 Mar 2022 04:08

Tgt Ion: 75 Resp: 217963
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.820 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071689.D

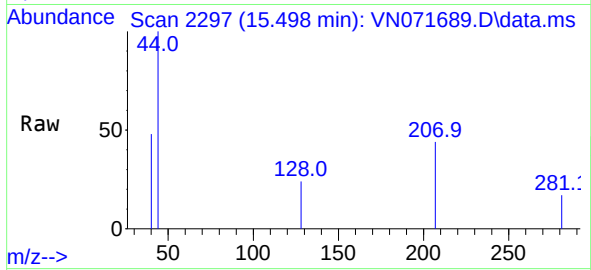
Acq: 31 Mar 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

PB143727TB



Tgt Ion:128 Resp: 329

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

