

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072727.D
 Acq On : 09 Jun 2022 13:50
 Operator : JC\MD
 Sample : N3170-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20220409-FIELD-BLANK-2

Quant Time: Jun 09 15:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

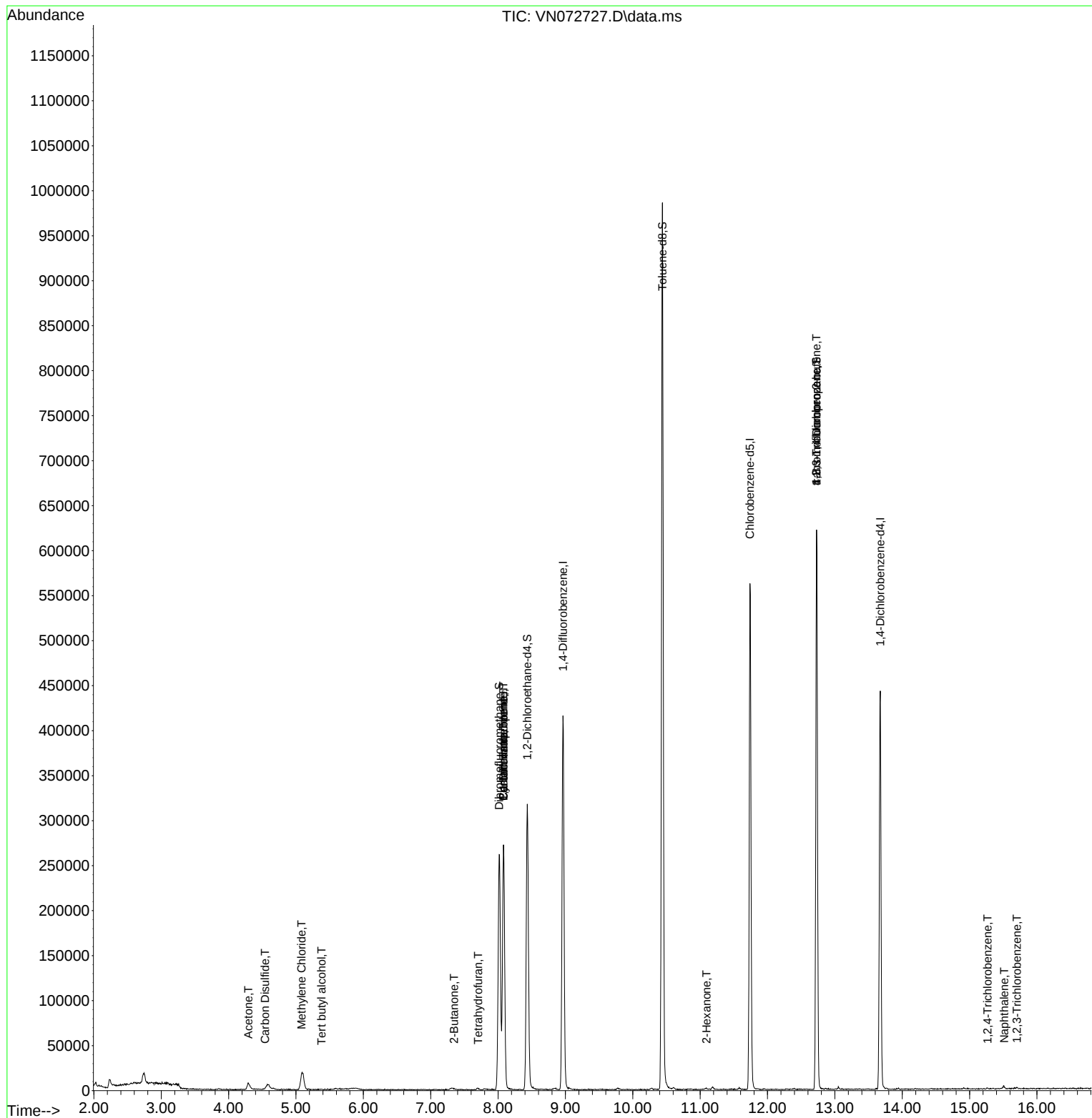
Internal Standards						
1) Pentafluorobenzene	8.081	168	176139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	335952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	297138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	106832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	269046	56.911	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.820%
35) Dibromofluoromethane	8.016	113	191627	57.646	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	115.300%
50) Toluene-d8	10.439	98	641851	48.395	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.727	95	215586	47.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.740%
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	756	Below Cal		95
5) Bromomethane	2.840	94	162	Below Cal	#	2
6) Chloroethane	3.010	64	692	Below Cal	#	42
11) Tert butyl alcohol	5.381	59	444	0.394	ug/l #	72
16) Acetone	4.293	43	14199	6.268	ug/l	90
17) Carbon Disulfide	4.540	76	551	0.376	ug/l #	75
20) Methylene Chloride	5.081	84	15240	4.521	ug/l #	91
25) 2-Butanone	7.345	43	2178	0.598	ug/l #	45
29) Tetrahydrofuran	7.704	42	1241	0.551	ug/l #	69
31) Cyclohexane	8.081	56	6344	0.565	ug/l #	56
36) 1,1-Dichloropropene	8.081	75	18452	3.999	ug/l #	51
38) Carbon Tetrachloride	8.081	117	21361	4.332	ug/l #	16
59) 2-Hexanone	11.092	43	1922	0.359	ug/l	70
76) 1,2,3-Trichloropropane	12.727	75	128952	37.406	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	128952	97.826	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	462	0.255	ug/l	92
95) Naphthalene	15.515	128	3719	0.530	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.704	180	811	0.450	ug/l #	60

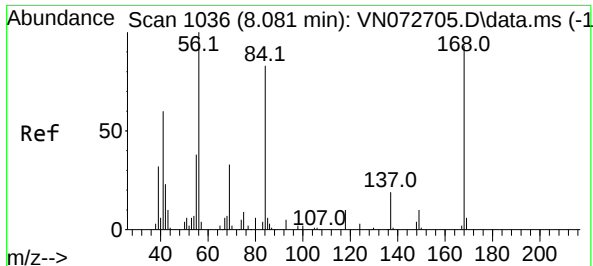
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

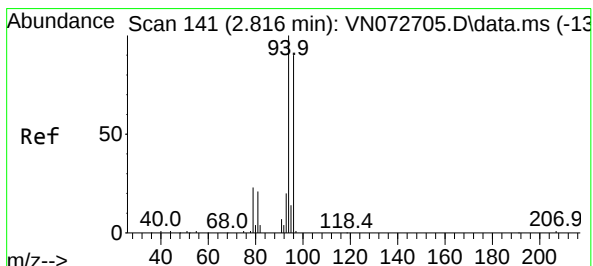
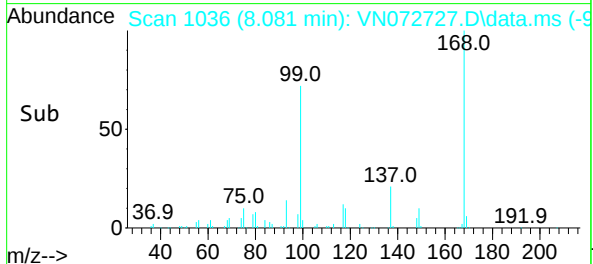
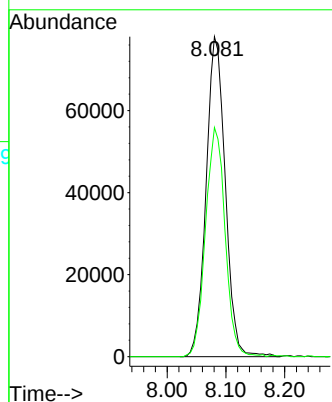
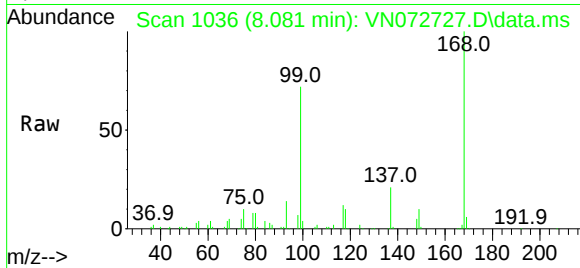




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

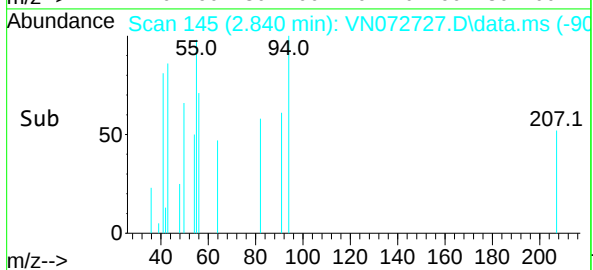
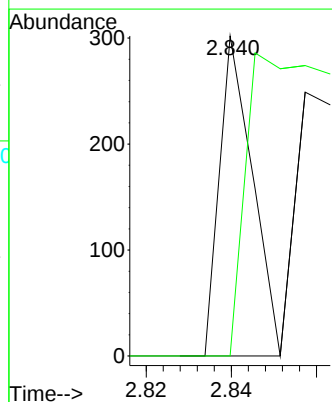
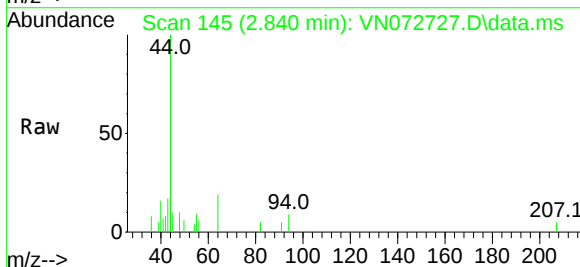
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

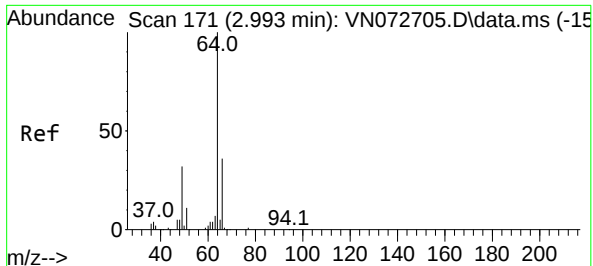
Tgt Ion:168 Resp: 176139
Ion Ratio Lower Upper
168 100
99 71.6 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 145
Delta R.T. 0.024 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

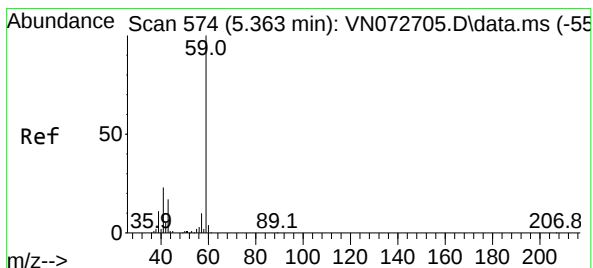
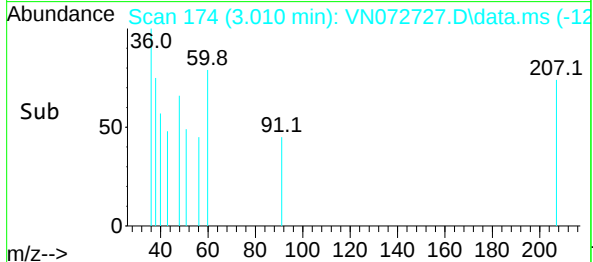
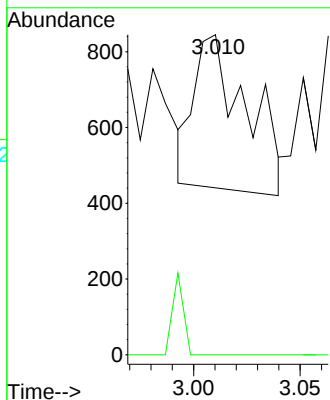
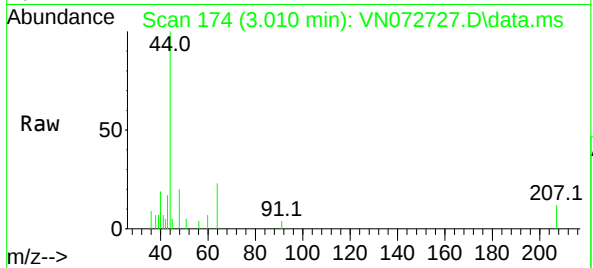




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

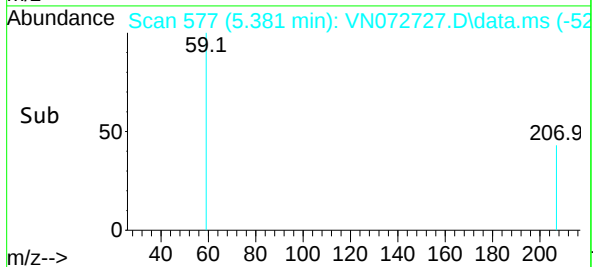
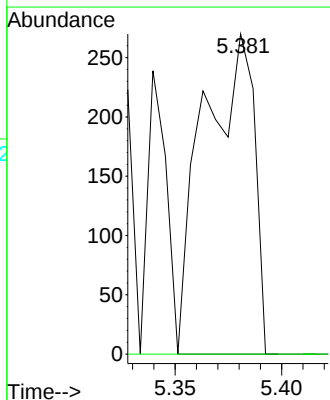
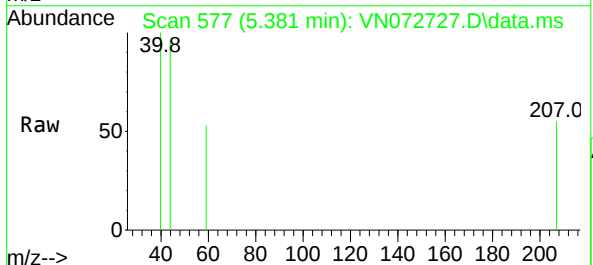
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

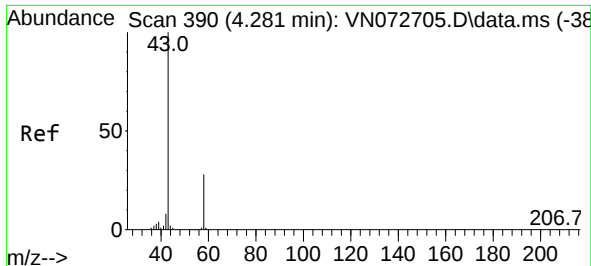
Tgt Ion: 64 Resp: 692
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.394 ug/l
RT: 5.381 min Scan# 577
Delta R.T. 0.018 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

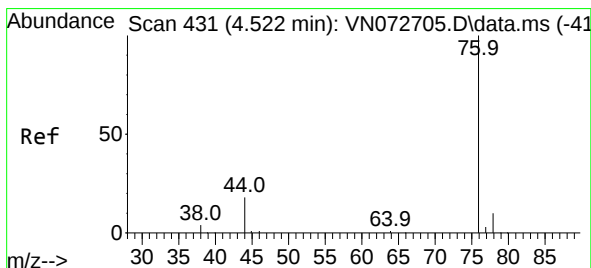
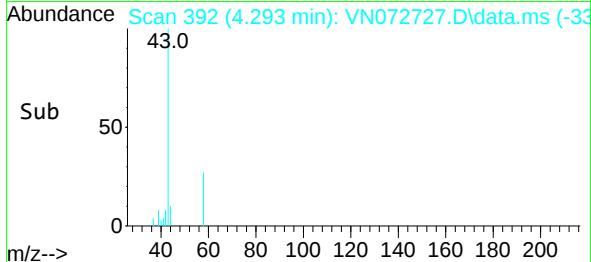
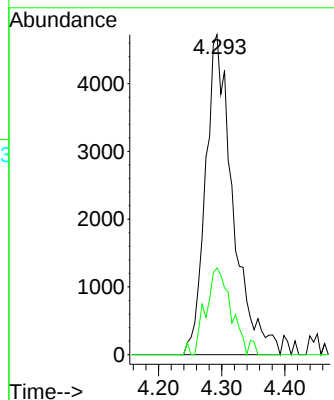
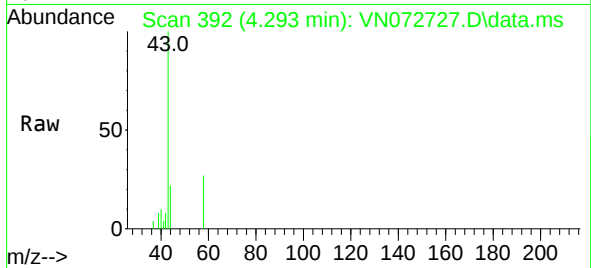




#16
Acetone
Concen: 6.268 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

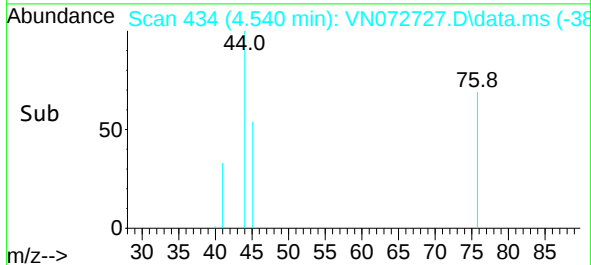
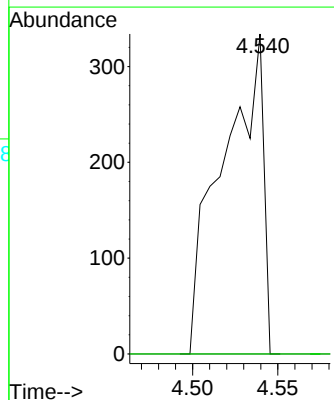
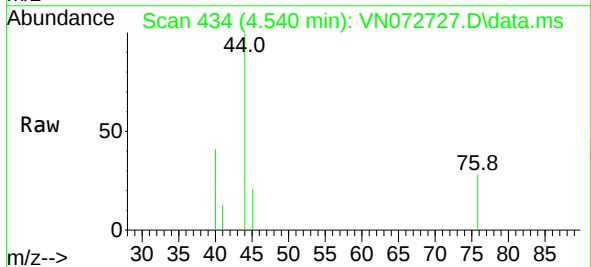
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

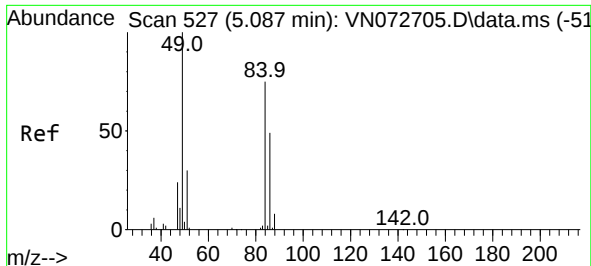
Tgt Ion: 43 Resp: 14199
Ion Ratio Lower Upper
43 100
58 27.1 26.0 39.0



#17
Carbon Disulfide
Concen: 0.376 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.018 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

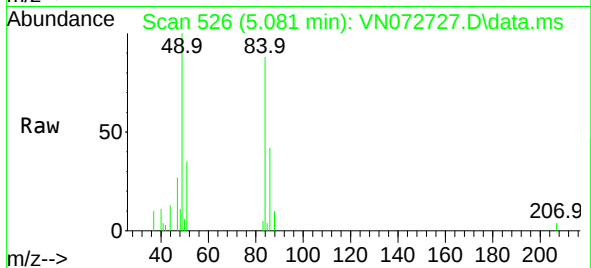
Tgt Ion: 76 Resp: 551
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



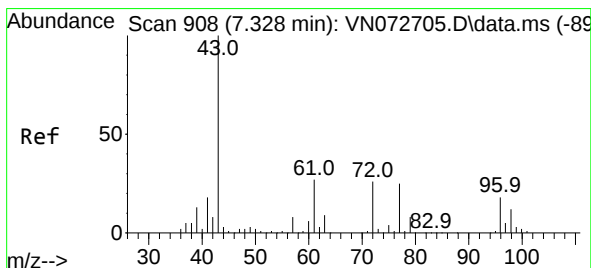
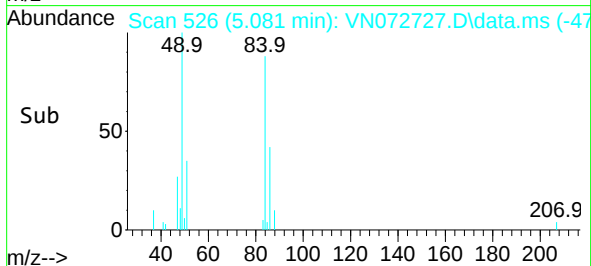
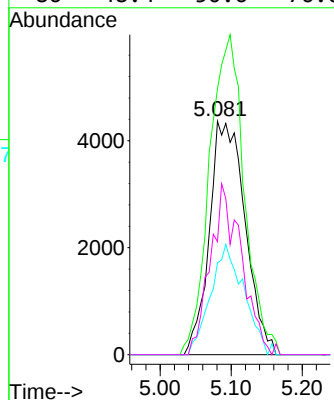


#20
Methylene Chloride
Concen: 4.521 ug/l
RT: 5.081 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

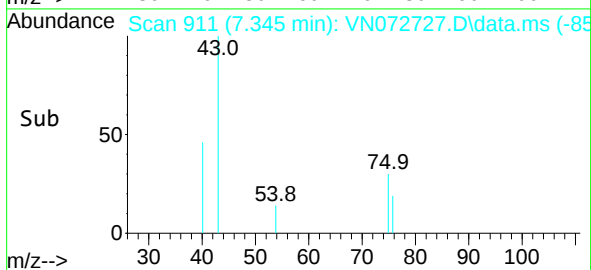
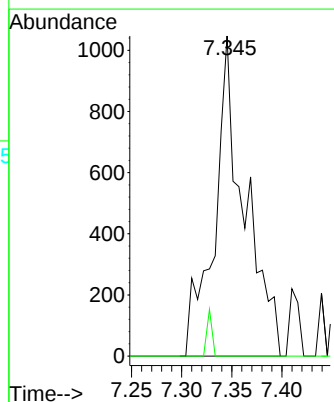
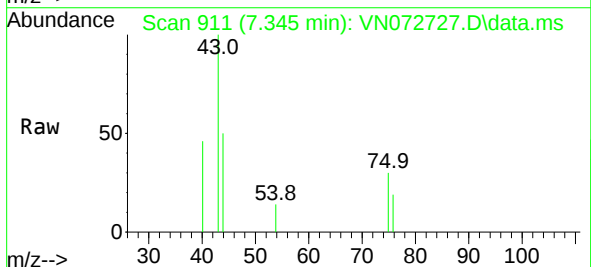


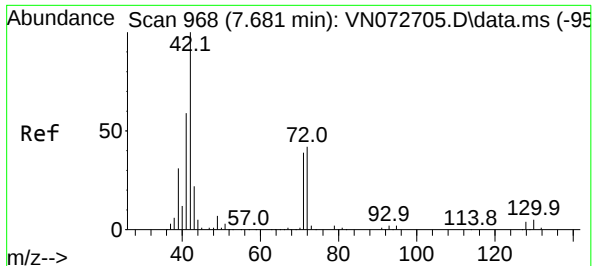
Tgt Ion:	84	Resp:	15240
Ion	Ratio	Lower	Upper
84	100		
49	113.9	88.3	132.5
51	39.4	28.2	42.2
86	48.4	50.6	76.0



#25
2-Butanone
Concen: 0.598 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion:	43	Resp:	2178
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.551 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN072727.D

Acq: 09 Jun 2022 13:50

Instrument :

MSVOA_N

ClientSampleId :

20220409-FIELD-BLANK-2

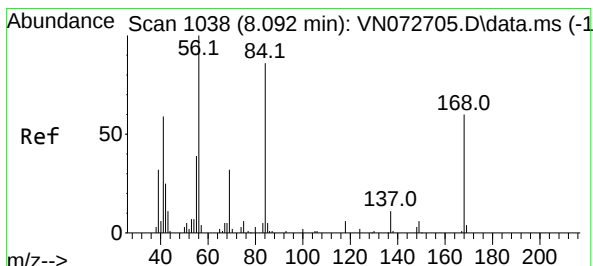
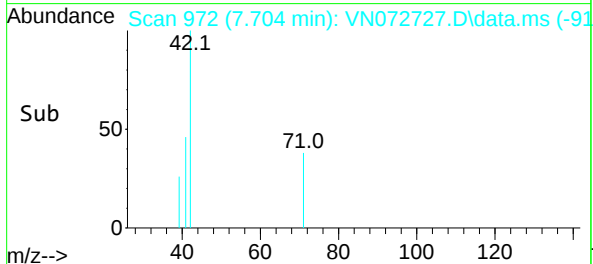
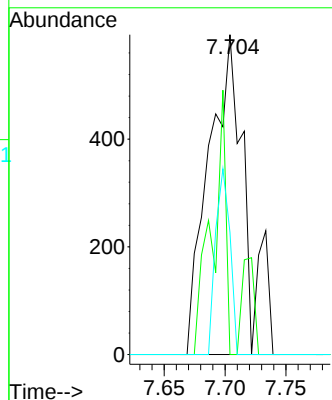
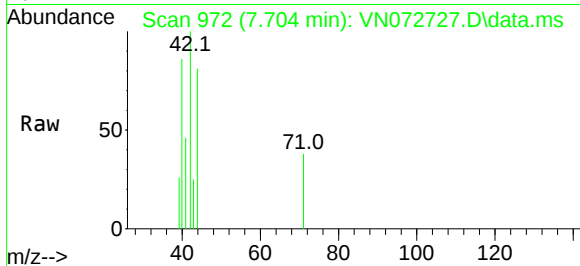
Tgt Ion: 42 Resp: 1241

Ion Ratio Lower Upper

42 100

72 30.6 39.7 59.5#

71 22.9 36.6 55.0#



#31

Cyclohexane

Concen: 0.565 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072727.D

Acq: 09 Jun 2022 13:50

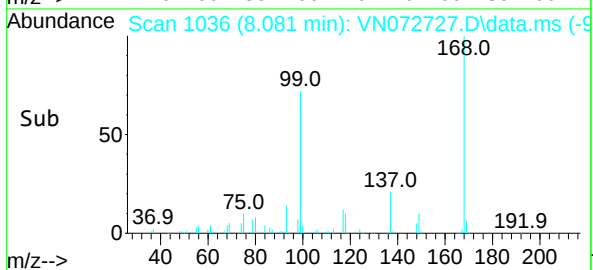
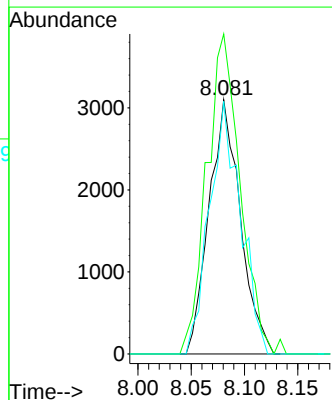
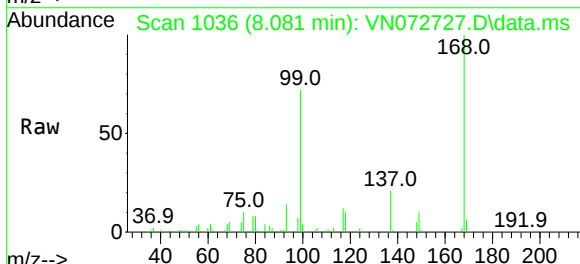
Tgt Ion: 56 Resp: 6344

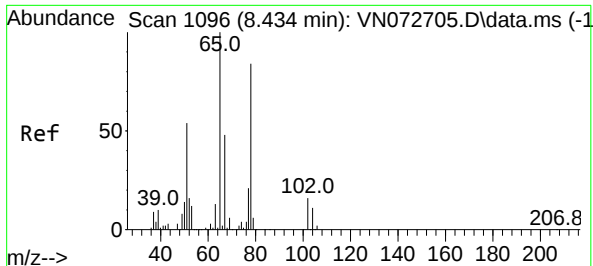
Ion Ratio Lower Upper

56 100

69 125.9 27.8 41.8#

84 99.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 56.911 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072727.D

Acq: 09 Jun 2022 13:50

Instrument :

MSVOA_N

ClientSampleId :

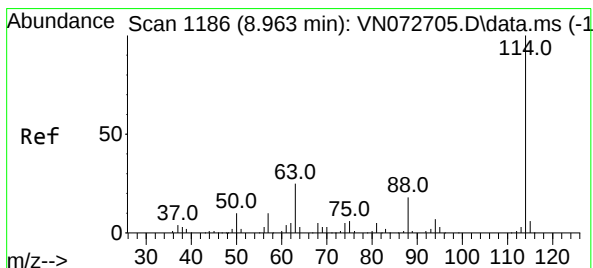
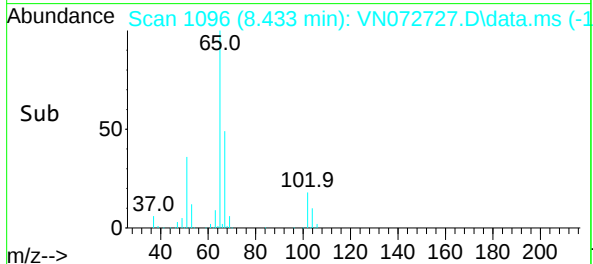
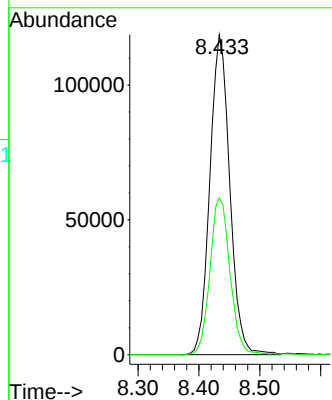
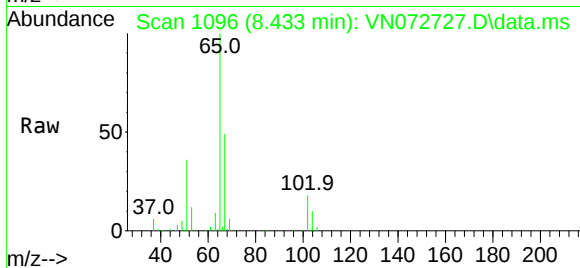
20220409-FIELD-BLANK-2

Tgt Ion: 65 Resp: 269046

Ion Ratio Lower Upper

65 100

67 49.5 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: VN072727.D

Acq: 09 Jun 2022 13:50

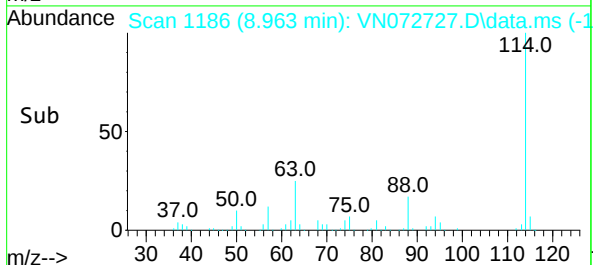
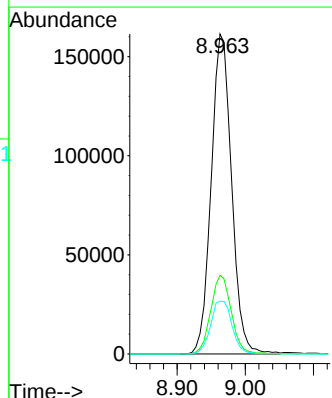
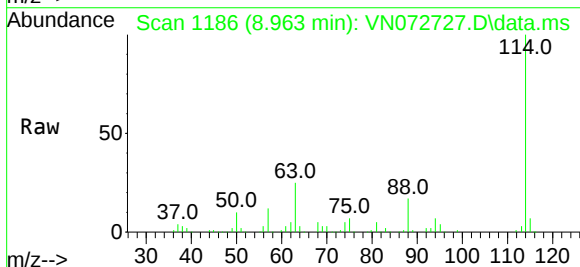
Tgt Ion: 114 Resp: 335952

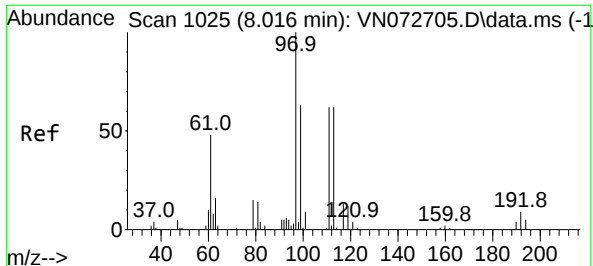
Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 16.5 0.0 32.6

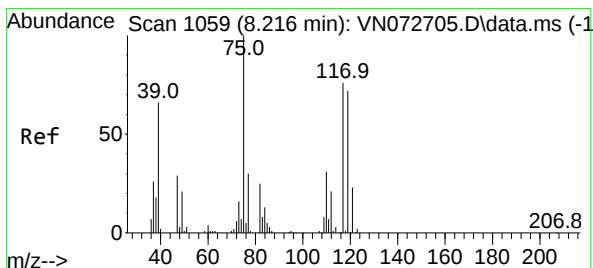
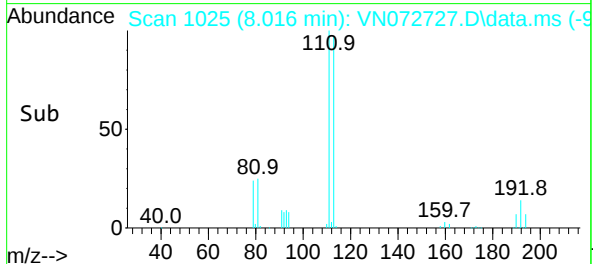
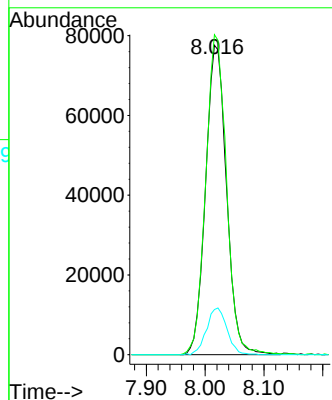
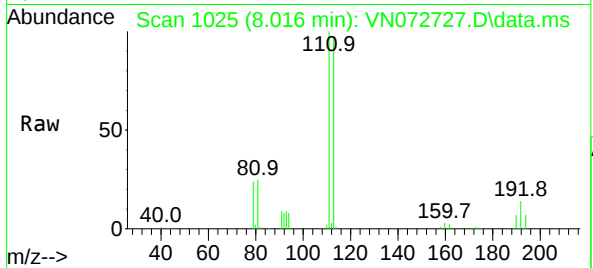




#35
Dibromofluoromethane
Concen: 57.646 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

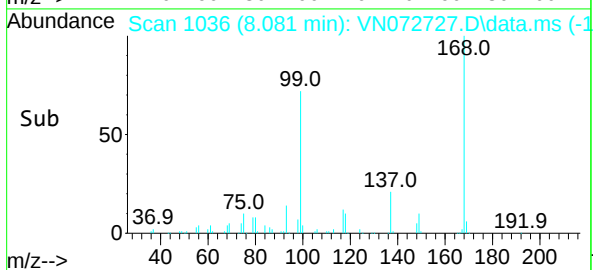
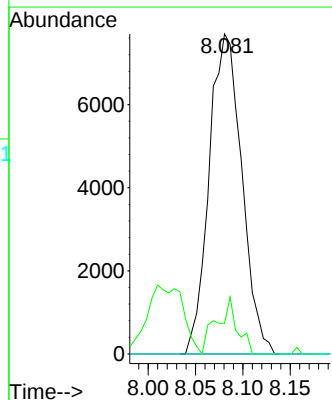
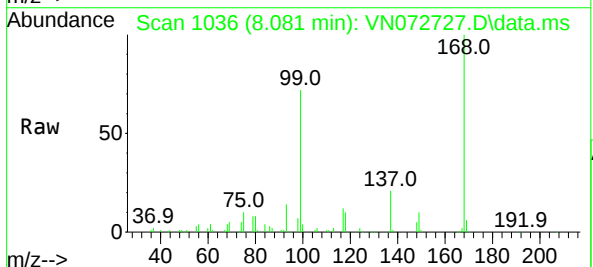
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

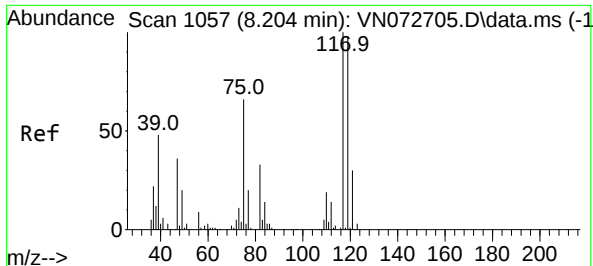
Tgt Ion:113 Resp: 191627
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 14.8 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 3.999 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion: 75 Resp: 18452
Ion Ratio Lower Upper
75 100
110 11.1 18.3 54.8#
77 0.0 25.1 37.7#

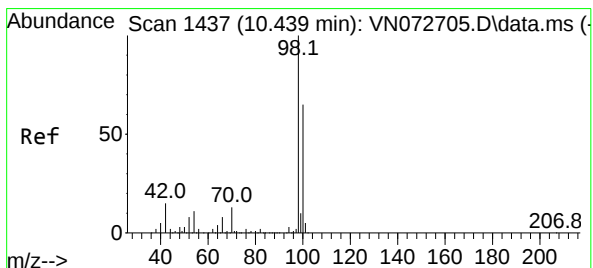
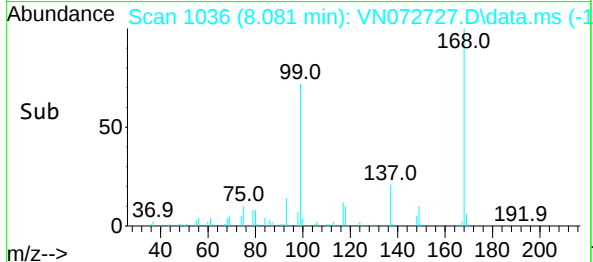
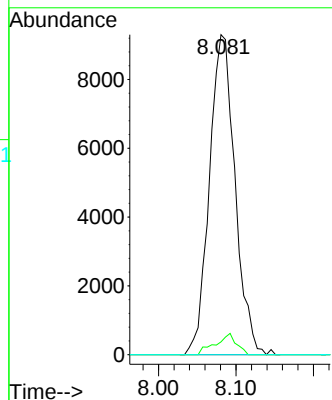
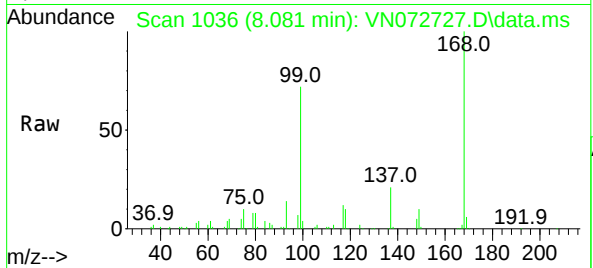




#38
Carbon Tetrachloride
Concen: 4.332 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

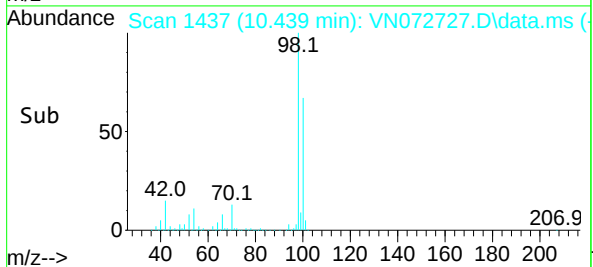
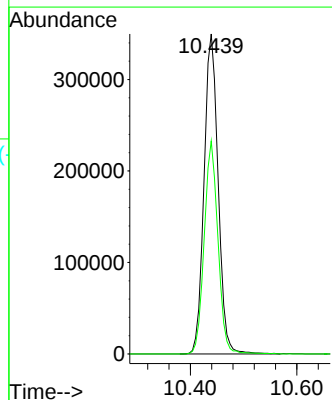
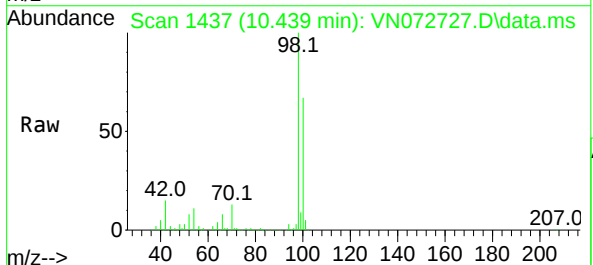
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

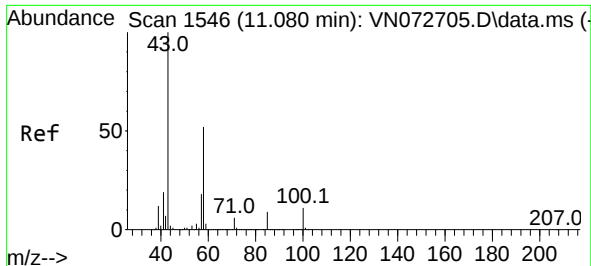
Tgt Ion:117 Resp: 21361
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.395 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion: 98 Resp: 641851
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

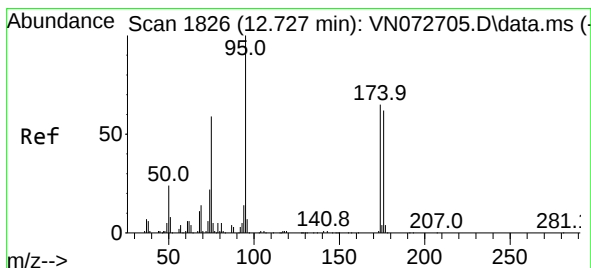
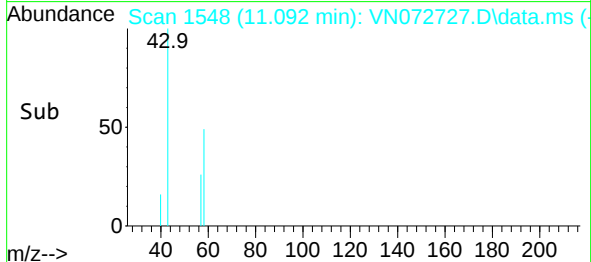
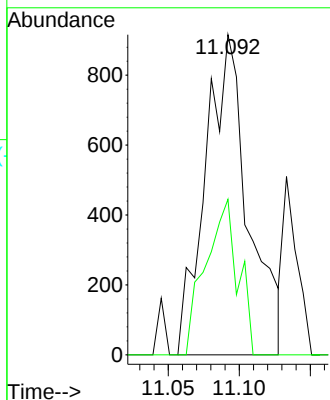
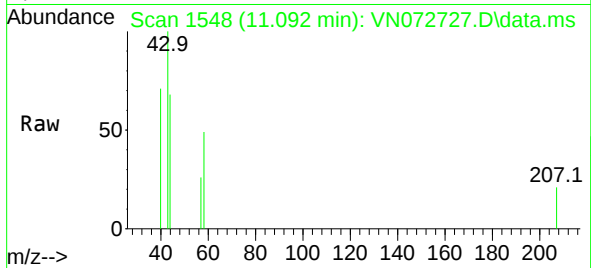




#59
2-Hexanone
Concen: 0.359 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

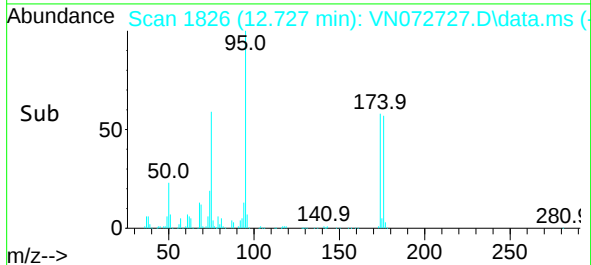
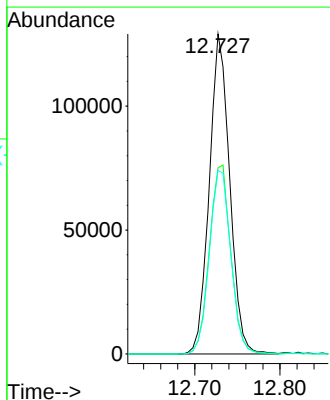
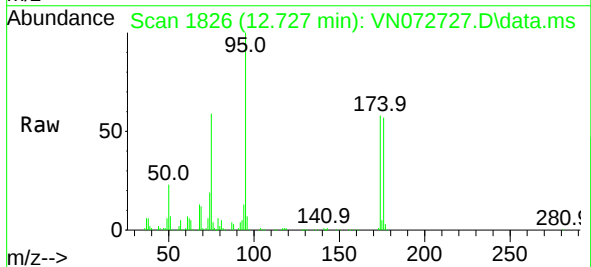
Instrument :
MSVOA_N
ClientSampleId :
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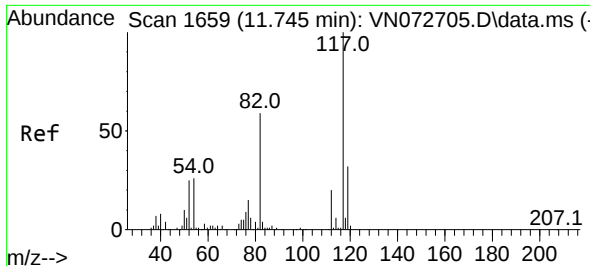
Tgt Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 36.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 47.370 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

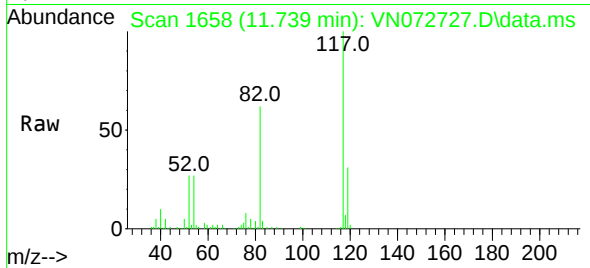
Tgt Ion: 95 Resp: 215586
Ion Ratio Lower Upper
95 100
174 61.9 0.0 167.6
176 60.2 0.0 163.4



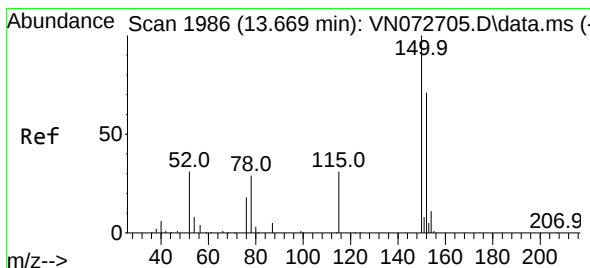
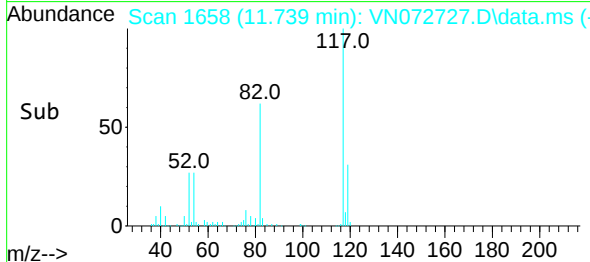
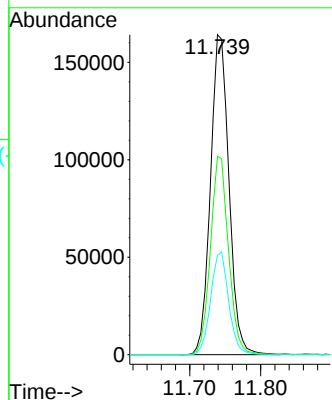


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

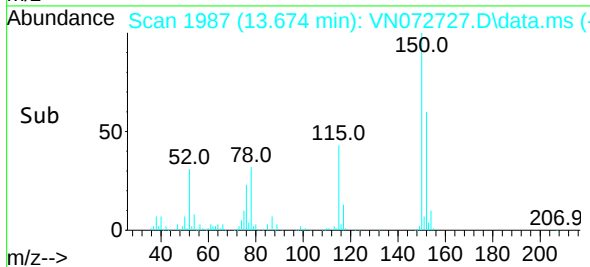
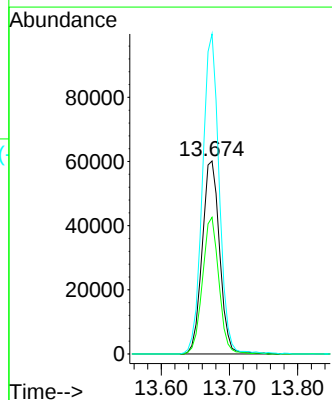
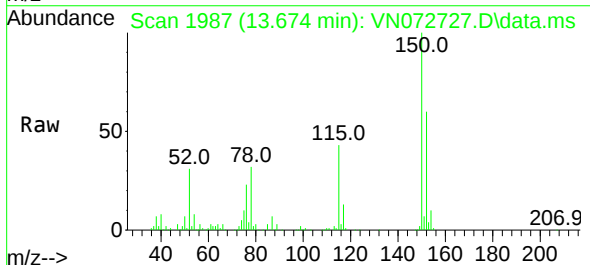


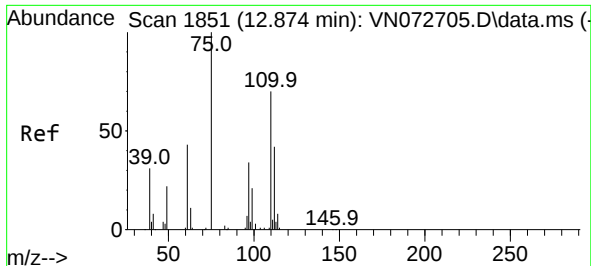
Tgt Ion:117 Resp: 297138
Ion Ratio Lower Upper
117 100
82 62.0 44.2 66.2
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion:152 Resp: 106832
Ion Ratio Lower Upper
152 100
115 66.7 28.9 86.7
150 158.9 0.0 356.2

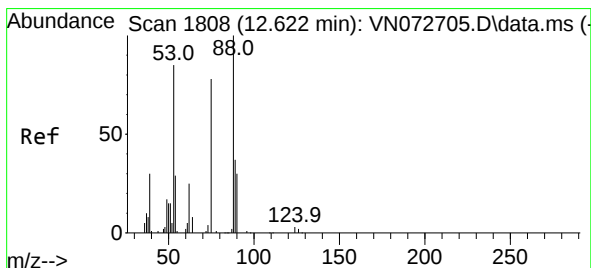
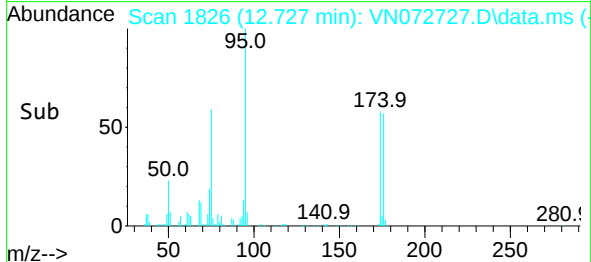
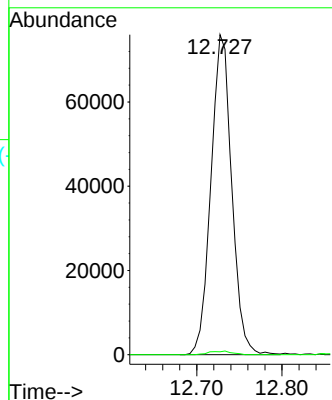
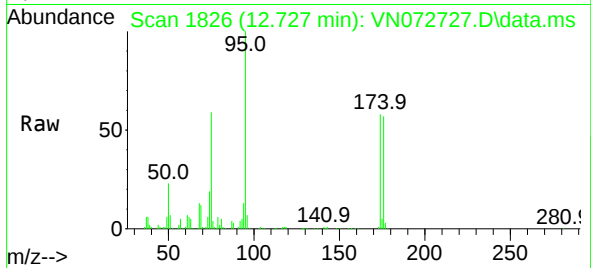




#76
1,2,3-Trichloropropane
Concen: 37.406 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

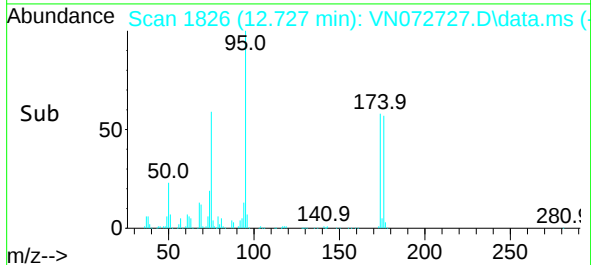
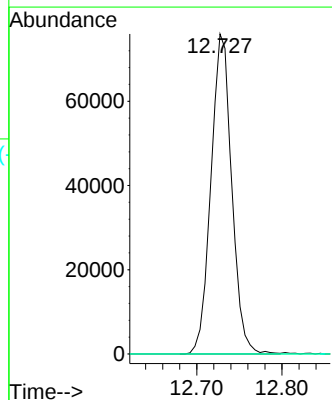
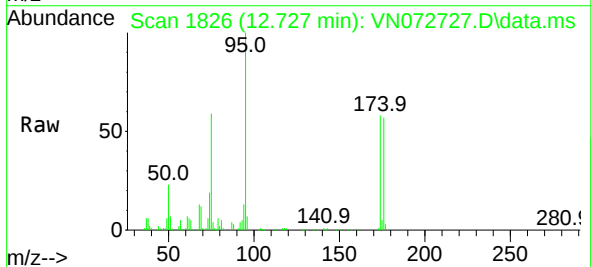
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

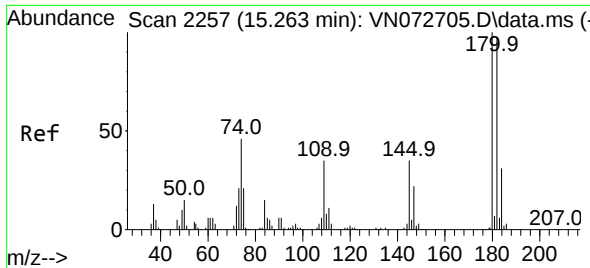
Tgt Ion: 75 Resp: 128952
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.826 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

Tgt Ion: 75 Resp: 128952
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

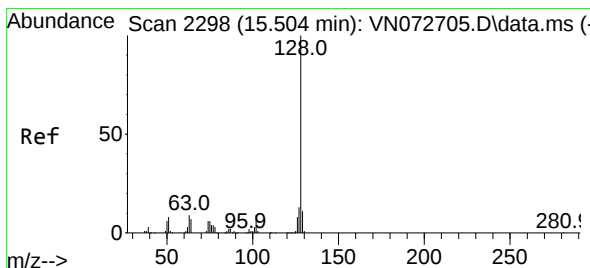
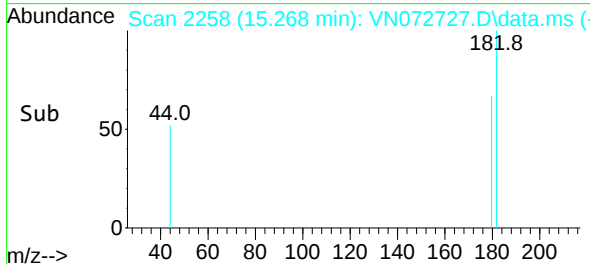
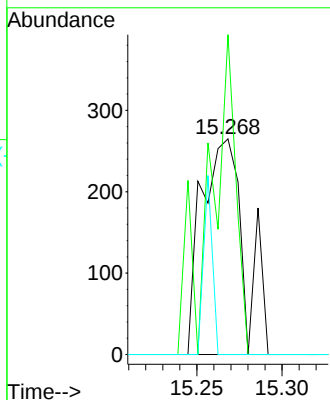
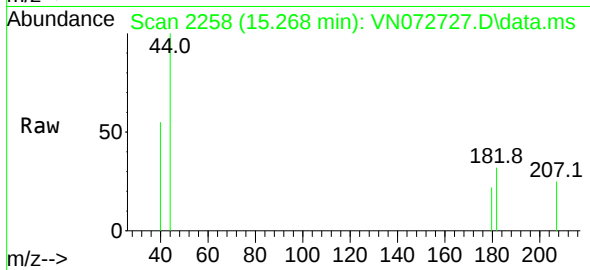




#93
1,2,4-Trichlorobenzene
Concen: 0.255 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

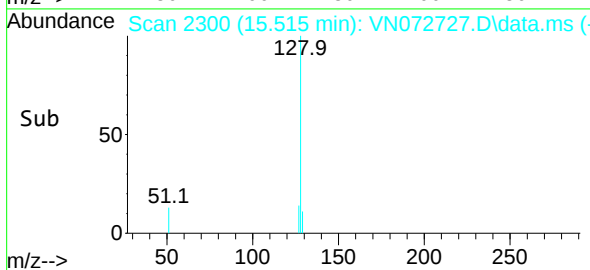
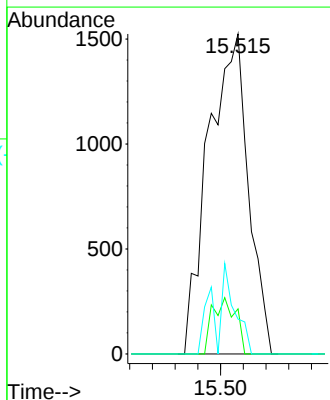
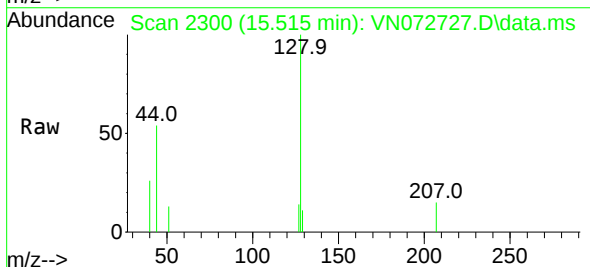
Instrument :
MSVOA_N
ClientSampleId :
20220409-FIELD-BLANK-2

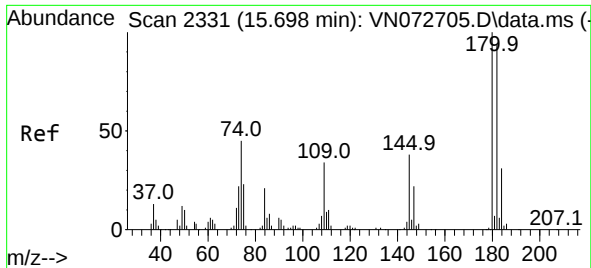
Tgt Ion:180	Resp:	462
Ion Ratio	Lower	Upper
180	100	
182	91.1	47.5 142.5
145	16.9	14.5 43.5



#95
Naphthalene
Concen: 0.530 ug/l
RT: 15.515 min Scan# 2300
Delta R.T. 0.011 min
Lab File: VN072727.D
Acq: 09 Jun 2022 13:50

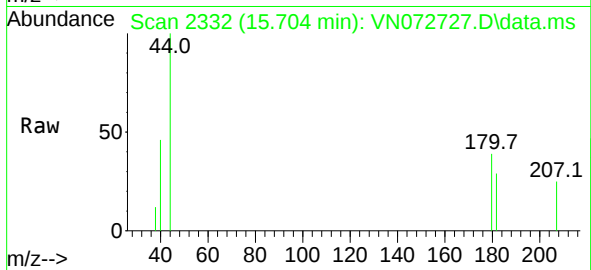
Tgt Ion:128	Resp:	3719
Ion Ratio	Lower	Upper
128	100	
127	10.2	10.3 15.5#
129	9.3	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.450 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072727.D
 Acq: 09 Jun 2022 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 20220409-FIELD-BLANK-2



Tgt Ion:180 Resp: 811
 Ion Ratio Lower Upper
 180 100
 182 62.3 47.8 143.3
 145 0.0 15.5 46.5#

