

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071892.D
 Acq On : 06 Apr 2022 20:20
 Operator : JC\MD
 Sample : N2175-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 023-OUTFALL

Quant Time: Apr 07 04:31:03 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)

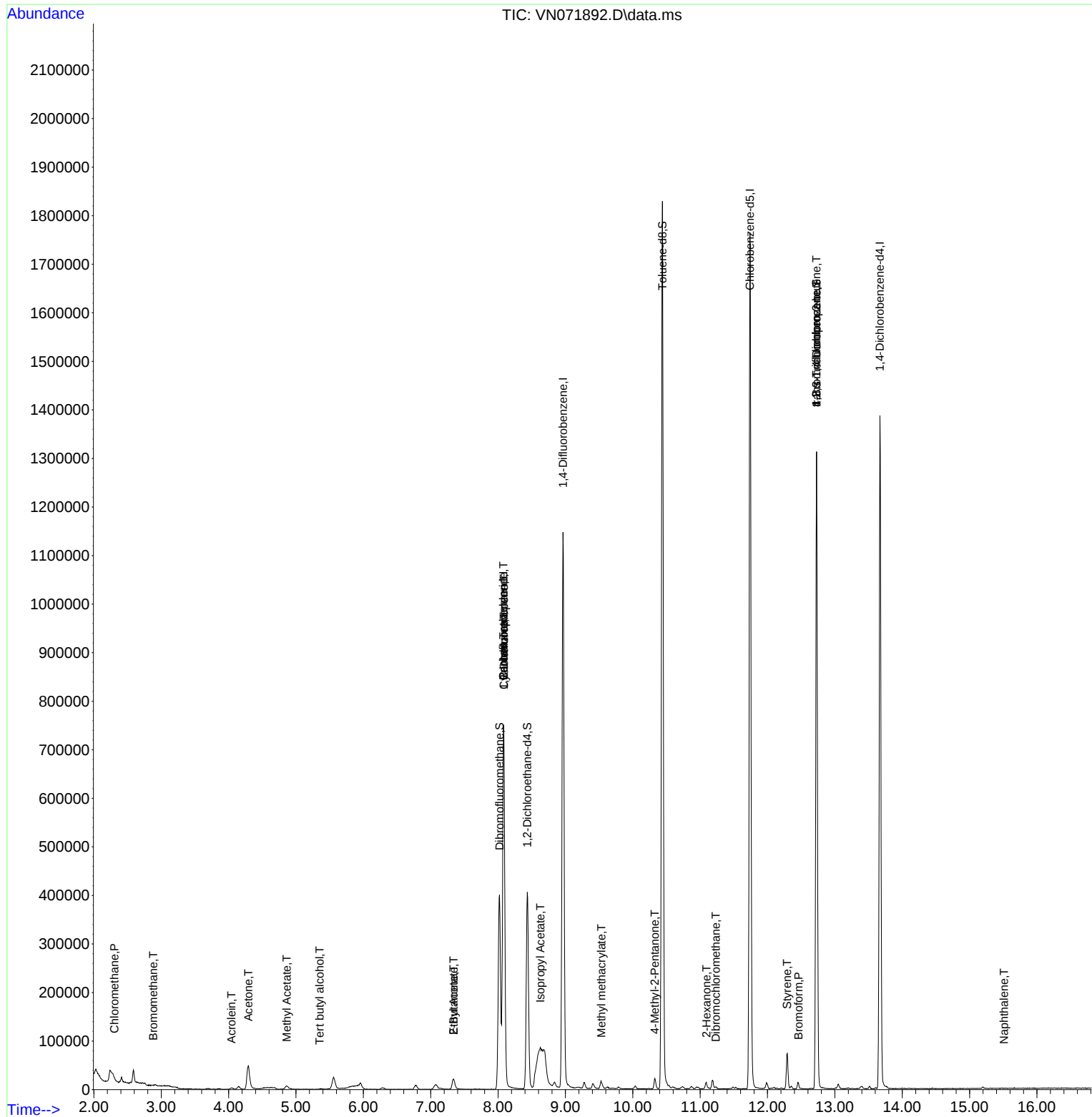
Internal Standards						
1) Pentafluorobenzene	8.081	168	628751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1082779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1117357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	410797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	340387	47.421	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.840%		
35) Dibromofluoromethane	8.022	113	307466	48.256	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.520%		
50) Toluene-d8	10.439	98	1361339	52.230	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.460%		
62) 4-Bromofluorobenzene	12.727	95	463835	55.024	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.040%		
Target Compounds					Qvalue	
3) Chloromethane	2.304	50	1665	0.263	ug/l	91
5) Bromomethane	2.881	94	907	0.201	ug/l	97
11) Tert butyl alcohol	5.351	59	1041	0.894	ug/l #	72
13) Acrolein	4.040	56	4541	3.197	ug/l	97
16) Acetone	4.293	43	93006	30.319	ug/l	97
18) Methyl Acetate	4.863	43	15572	0.553	ug/l #	69
25) 2-Butanone	7.339	43	39348	8.898	ug/l	99
31) Cyclohexane	8.086	56	10458	1.071	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	41695	4.686	ug/l #	48
37) Ethyl Acetate	7.339	43	39348	4.040	ug/l #	67
38) Carbon Tetrachloride	8.081	117	56619	6.493	ug/l #	15
43) Isopropyl Acetate	8.628	43	136817	8.446	ug/l #	54
48) Methyl methacrylate	9.533	41	4108	0.611	ug/l #	35
51) 4-Methyl-2-Pentanone	10.327	43	14461	1.553	ug/l	98
59) 2-Hexanone	11.092	43	5993	0.914	ug/l	75
60) Dibromochloromethane	11.233	129	2983	0.418	ug/l	88
70) Styrene	12.292	104	41396	1.891	ug/l	90
71) Bromoform	12.463	173	1886	0.307	ug/l #	88
76) 1,2,3-Trichloropropane	12.727	75	218581	22.969	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	218581	71.180	ug/l #	10
95) Naphthalene	15.509	128	167	3.811	ug/l #	69

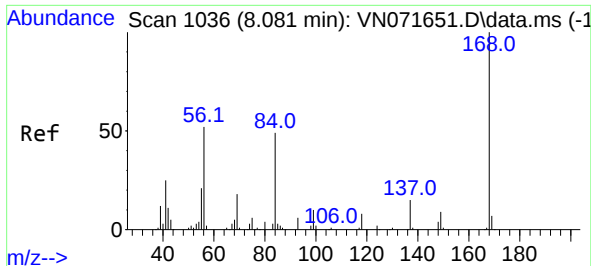
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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023-OUTFALL

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

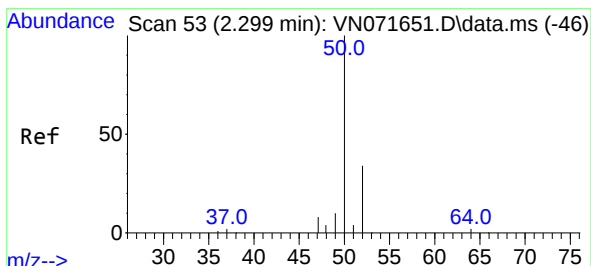
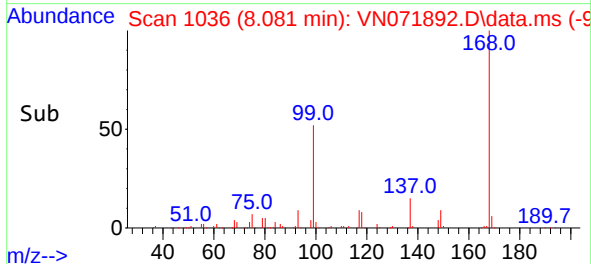
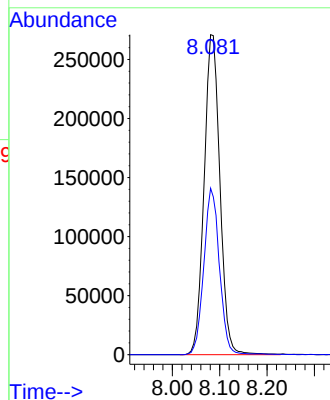
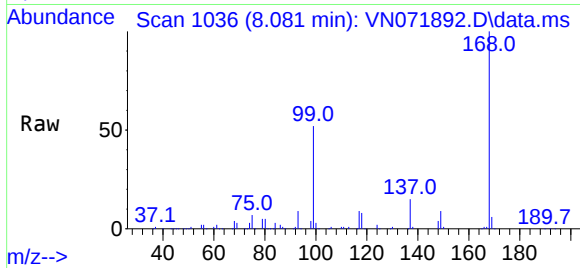




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

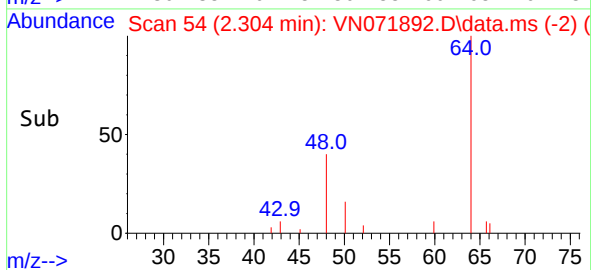
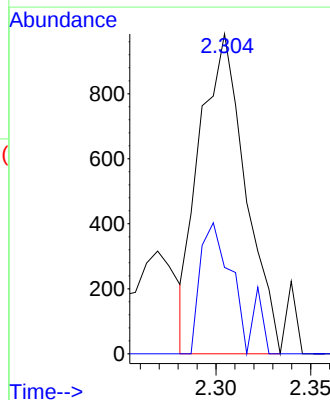
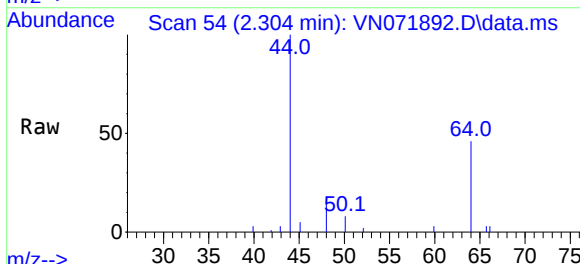
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

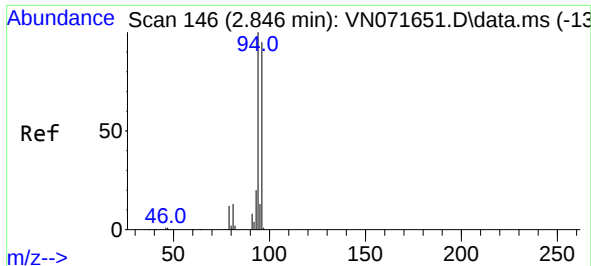
Tgt Ion:168 Resp: 628751
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#3
Chloromethane
Concen: 0.263 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 50 Resp: 1665
Ion Ratio Lower Upper
50 100
52 27.0 25.7 38.5

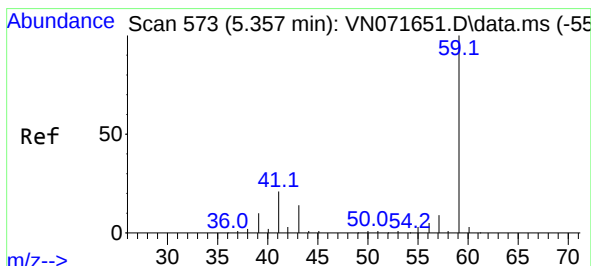
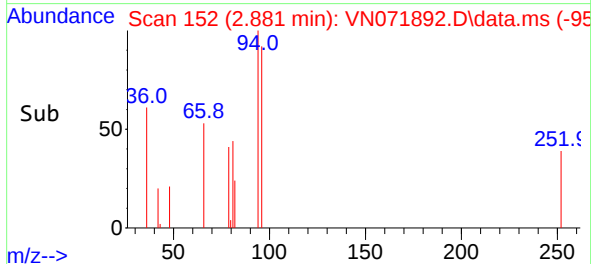
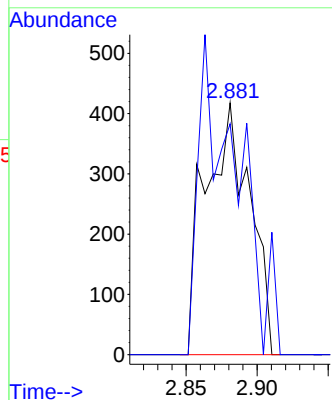
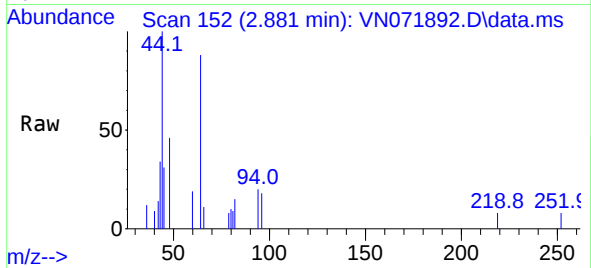




#5
Bromomethane
Concen: 0.201 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

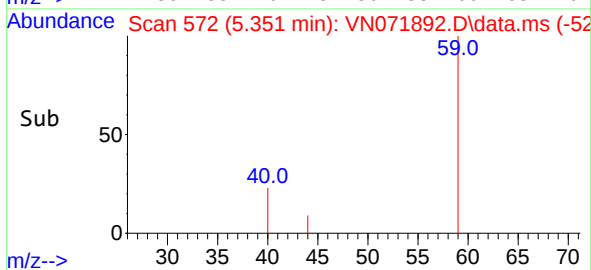
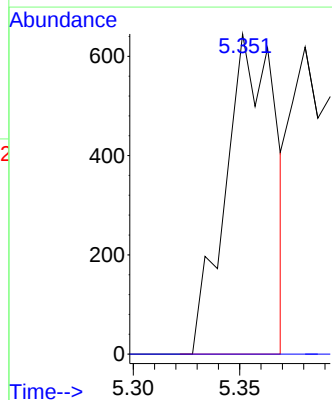
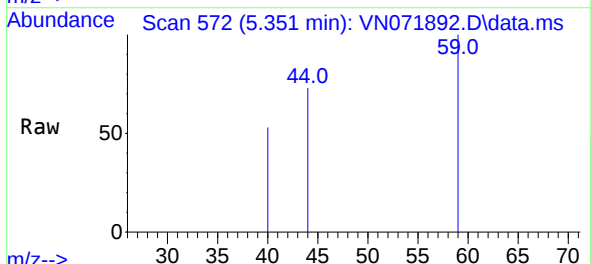
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

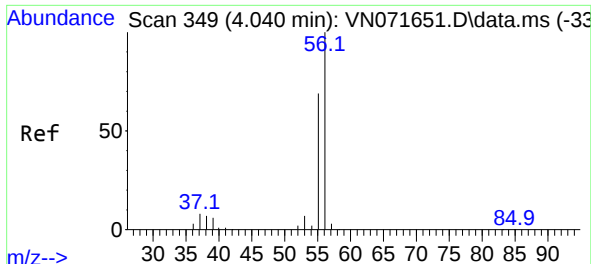
Tgt Ion: 94 Resp: 907
Ion Ratio Lower Upper
94 100
96 91.6 76.0 114.0



#11
Tert butyl alcohol
Concen: 0.894 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.006 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 59 Resp: 1041
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

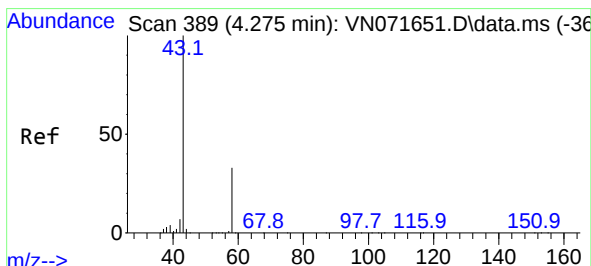
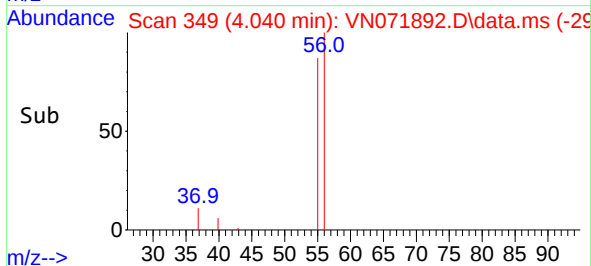
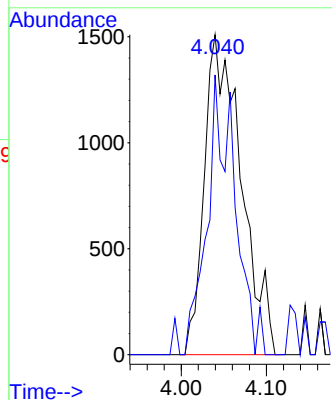
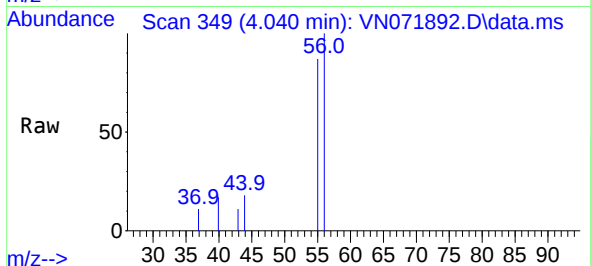




#13
Acrolein
Concen: 3.197 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

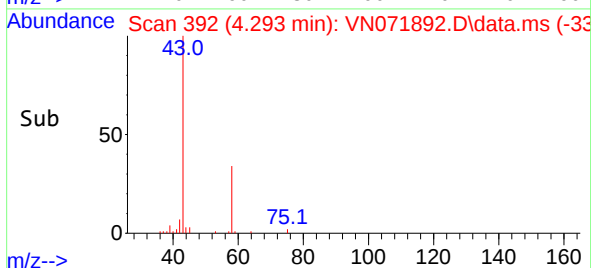
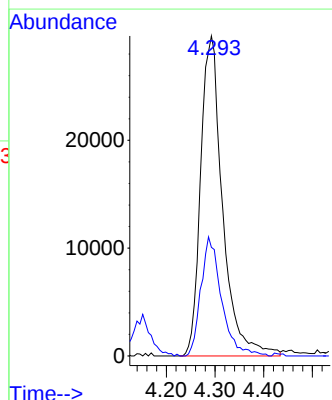
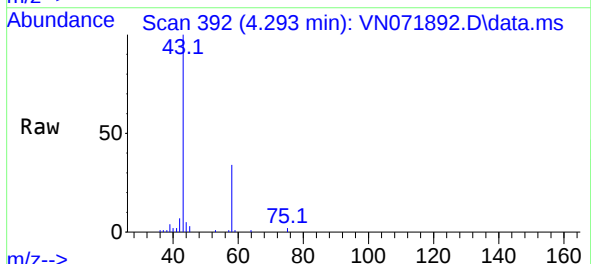
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

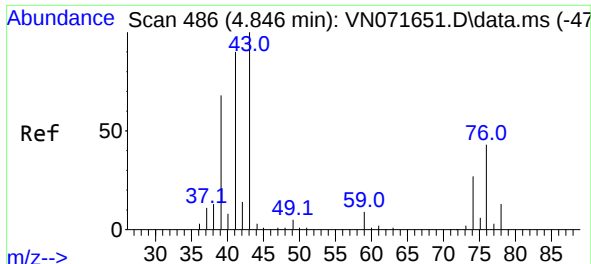
Tgt Ion: 56 Resp: 4541
Ion Ratio Lower Upper
56 100
55 65.8 54.8 82.2



#16
Acetone
Concen: 30.319 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 43 Resp: 93006
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

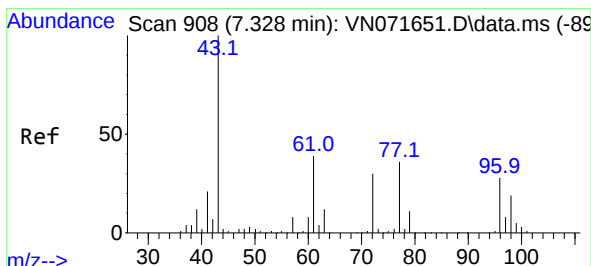
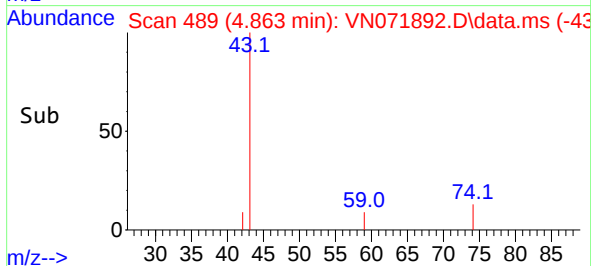
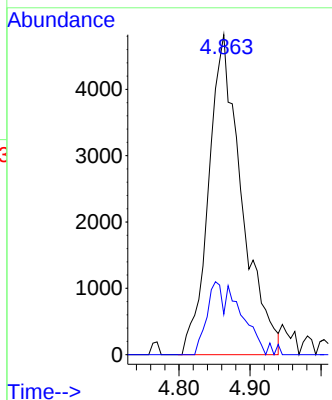
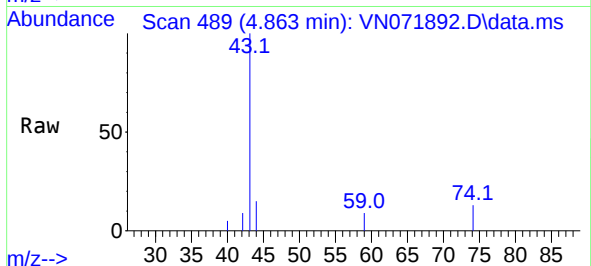




#18
Methyl Acetate
Concen: 0.553 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

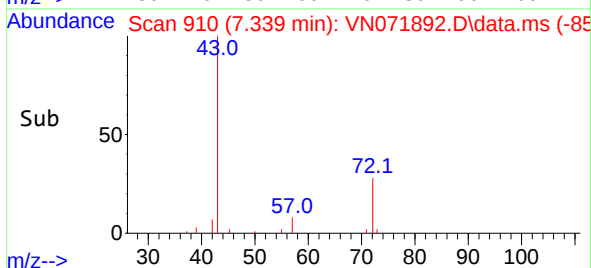
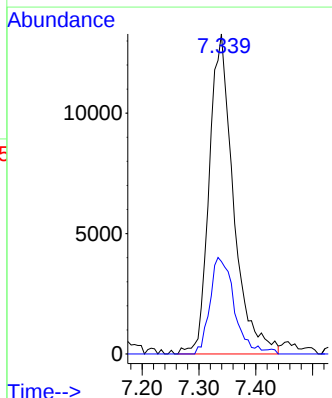
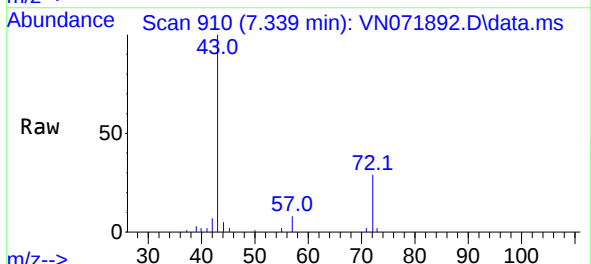
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

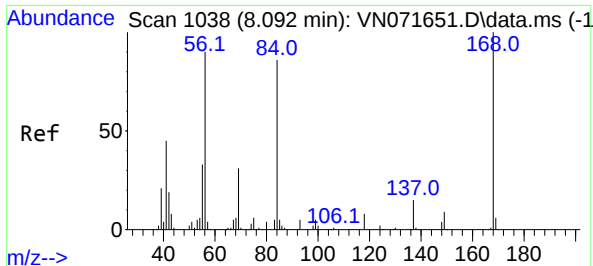
Tgt Ion: 43 Resp: 15572
Ion Ratio Lower Upper
43 100
74 11.1 21.6 32.4#



#25
2-Butanone
Concen: 8.898 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 43 Resp: 39348
Ion Ratio Lower Upper
43 100
72 28.9 23.7 35.5





#31

Cyclohexane

Concen: 1.071 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071892.D

Acq: 06 Apr 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

023-OUTFALL

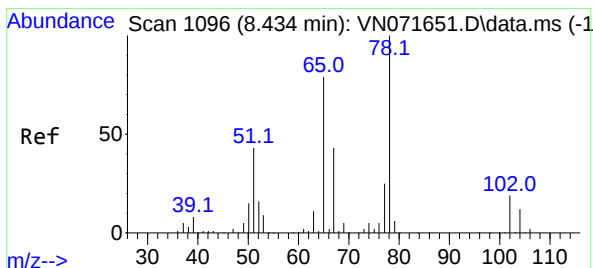
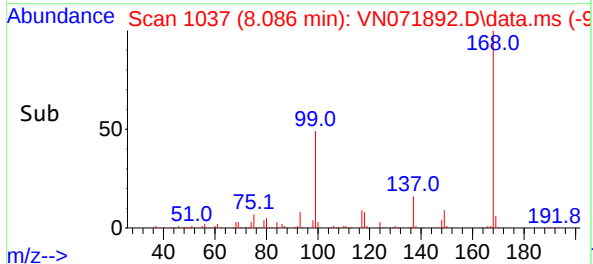
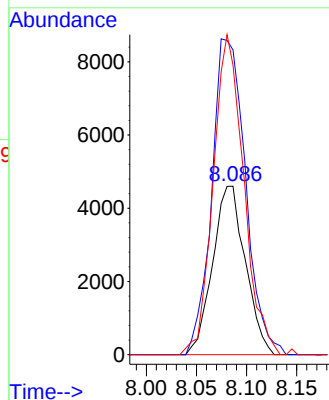
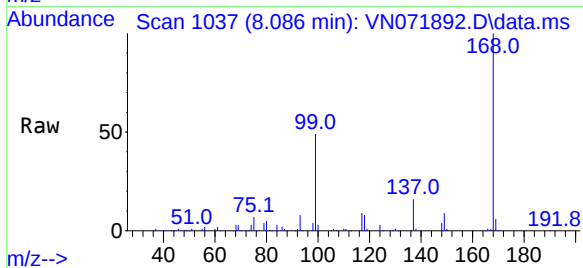
Tgt Ion: 56 Resp: 10458

Ion Ratio Lower Upper

56 100

69 181.0 27.8 41.8#

84 171.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.421 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071892.D

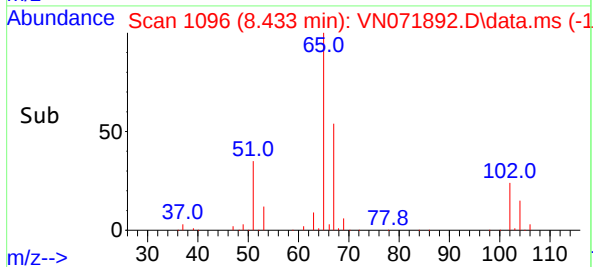
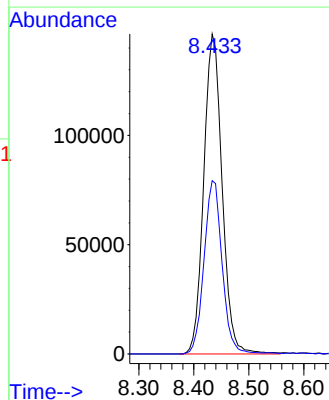
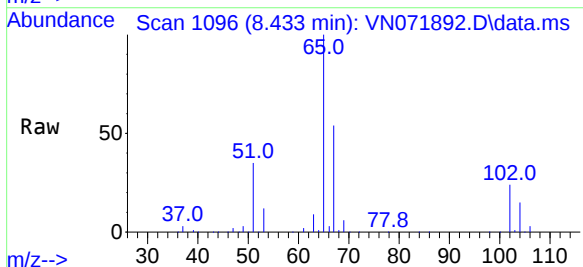
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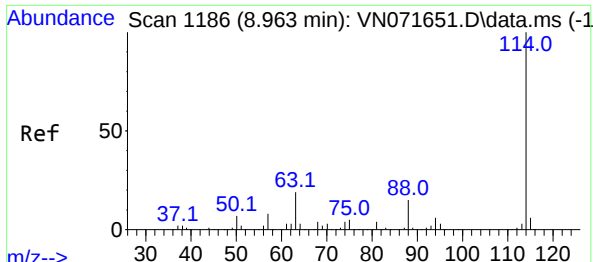
Tgt Ion: 65 Resp: 340387

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8

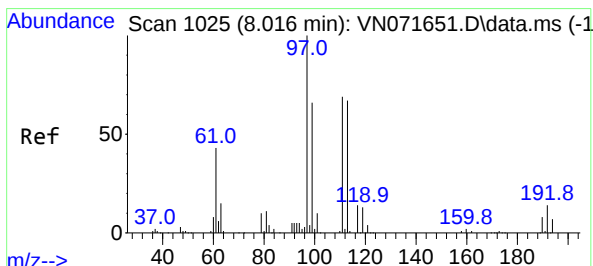
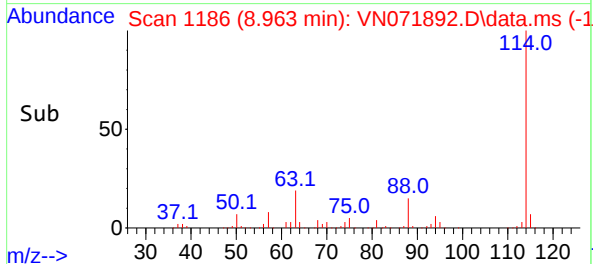
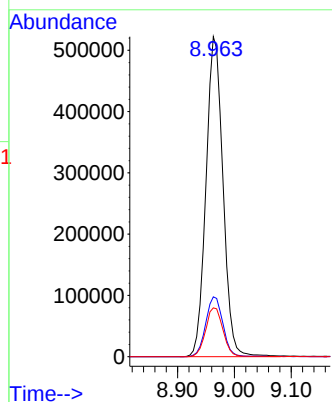
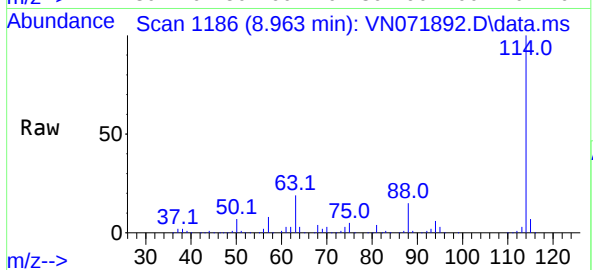




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

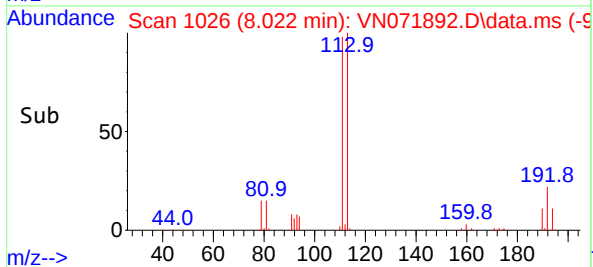
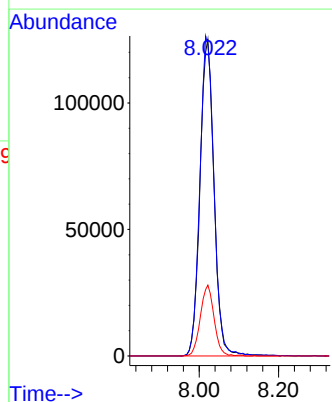
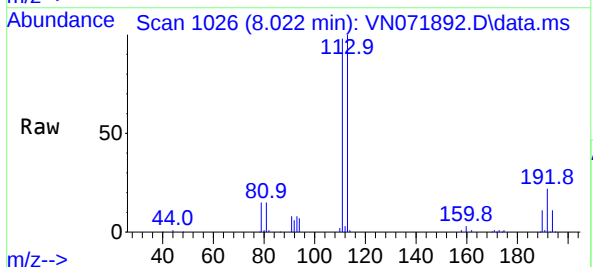
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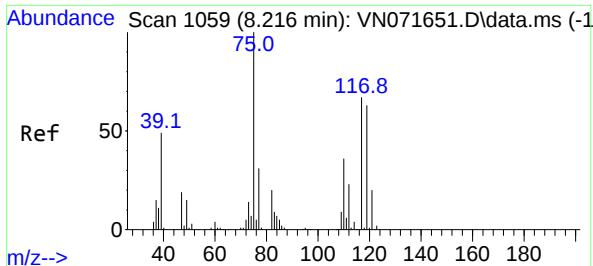
Tgt Ion:114 Resp: 1082779
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.256 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion:113 Resp: 307466
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 21.8 17.0 25.6

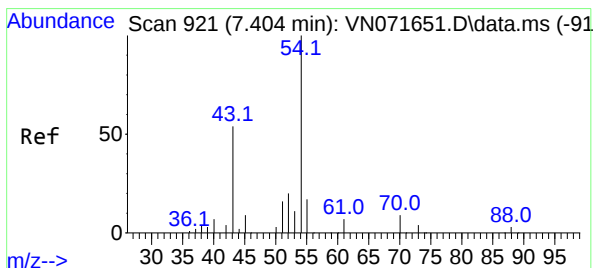
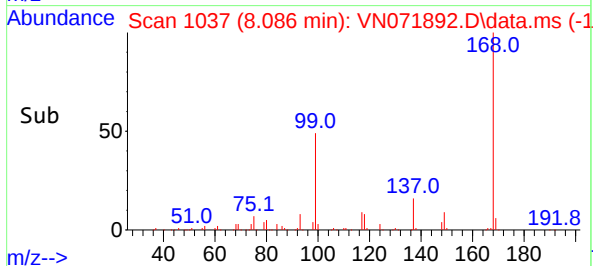
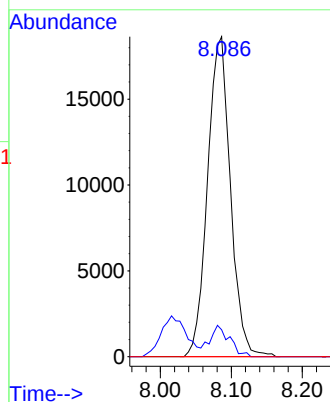
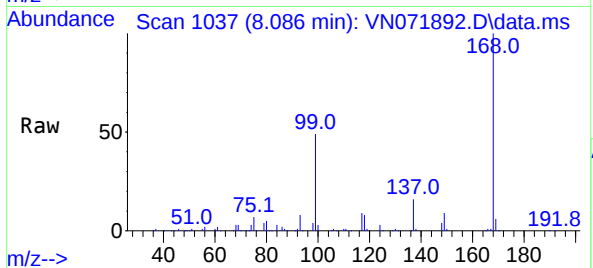




#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

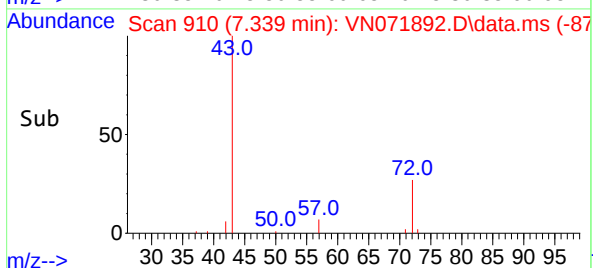
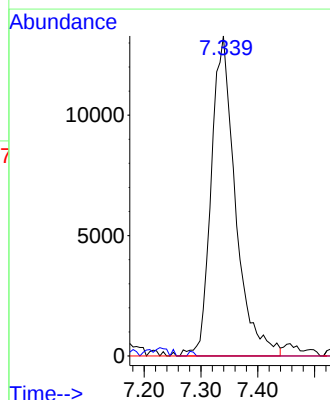
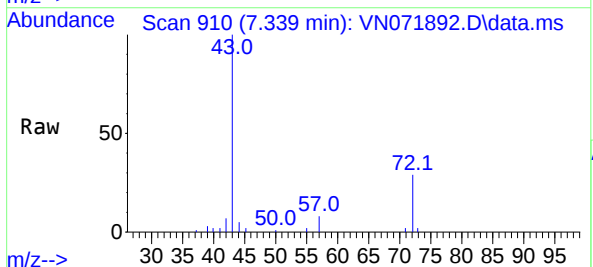
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

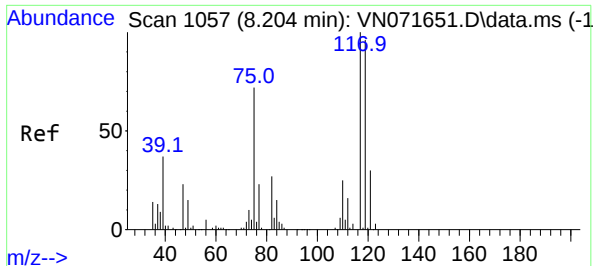
Tgt Ion: 75 Resp: 41695
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 4.040 ug/l
RT: 7.339 min Scan# 910
Delta R.T. -0.065 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 43 Resp: 39348
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

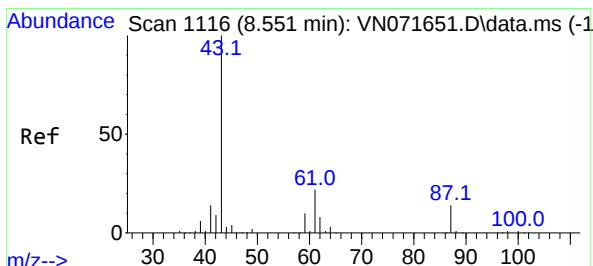
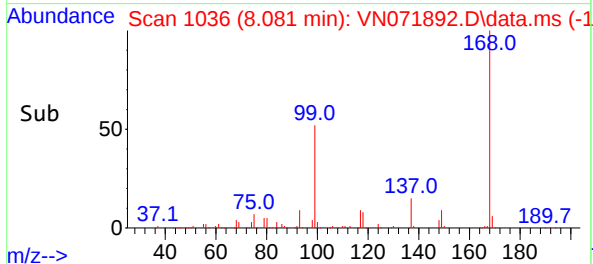
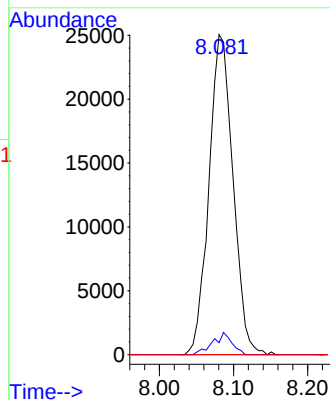
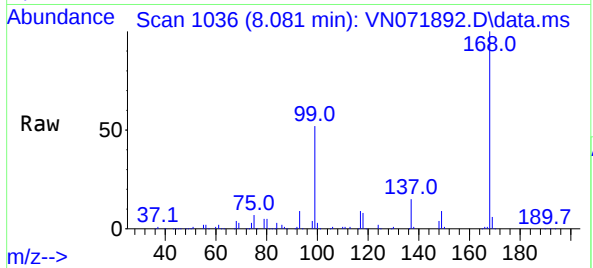




#38
Carbon Tetrachloride
Concen: 6.493 ug/l
RT: 8.081 min Scan# 1129
Delta R.T. -0.123 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

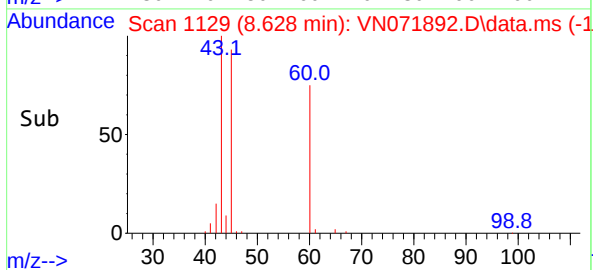
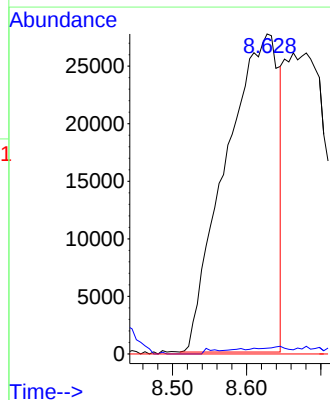
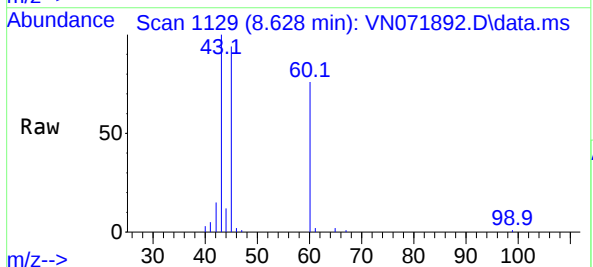
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

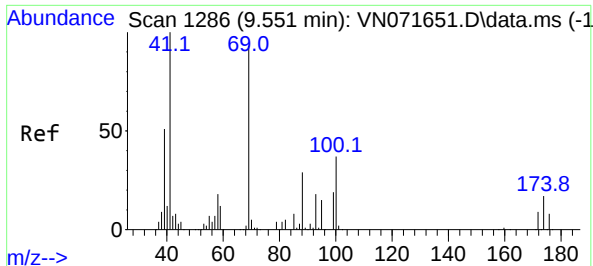
Tgt Ion:117 Resp: 56619
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 8.446 ug/l
RT: 8.628 min Scan# 1129
Delta R.T. 0.077 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 43 Resp: 136817
Ion Ratio Lower Upper
43 100
61 0.9 21.9 32.9#
87 0.0 12.0 18.0#





#48

Methyl methacrylate

Concen: 0.611 ug/l

RT: 9.533 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN071892.D

Acq: 06 Apr 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

023-OUTFALL

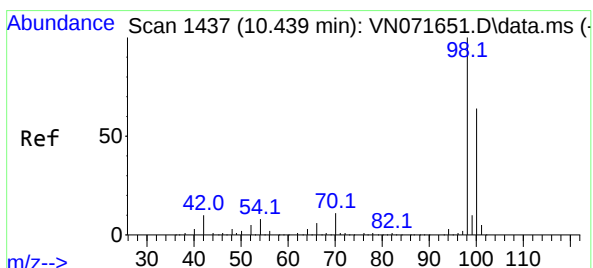
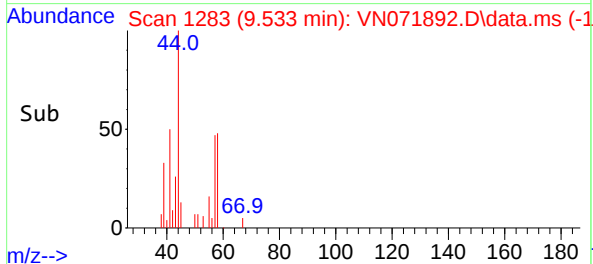
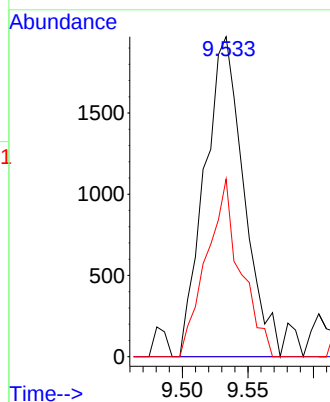
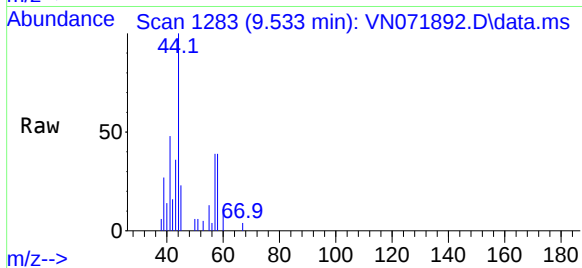
Tgt Ion: 41 Resp: 4108

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 48.1 45.6 68.4



#50

Toluene-d8

Concen: 52.230 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071892.D

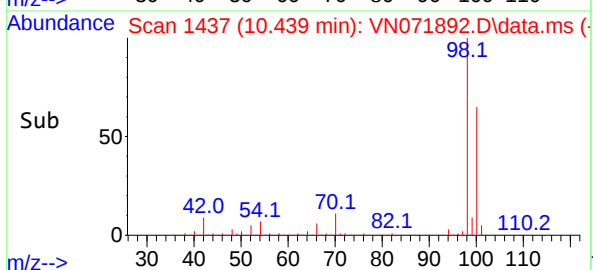
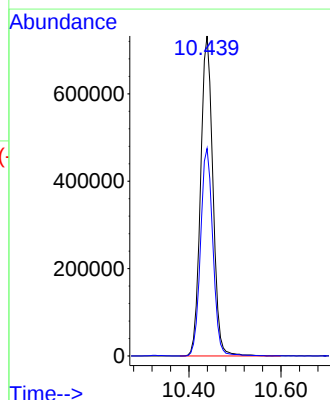
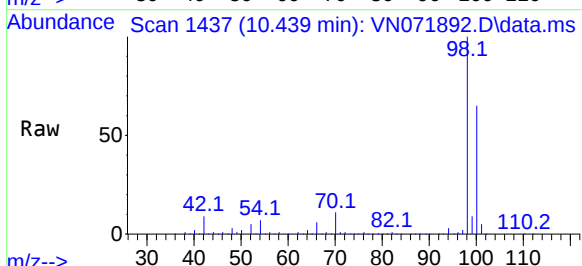
Acq: 06 Apr 2022 20:20

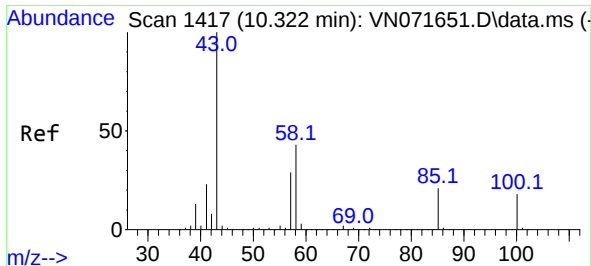
Tgt Ion: 98 Resp: 1361339

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

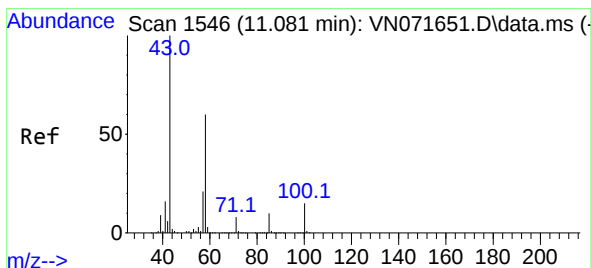
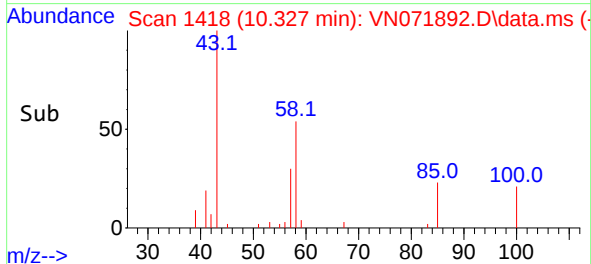
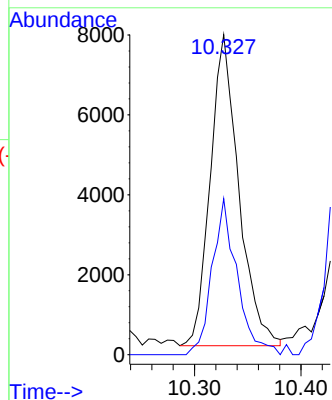
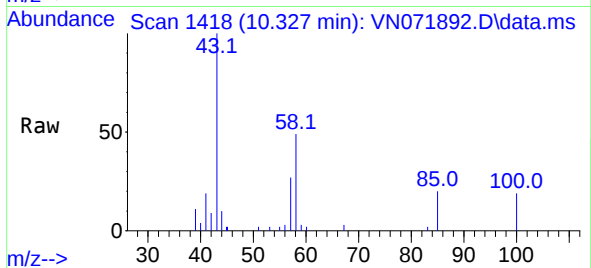




#51
4-Methyl-2-Pentanone
Concen: 1.553 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

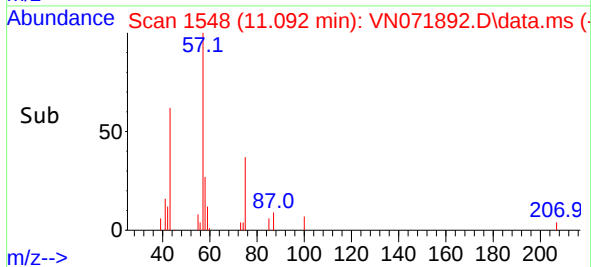
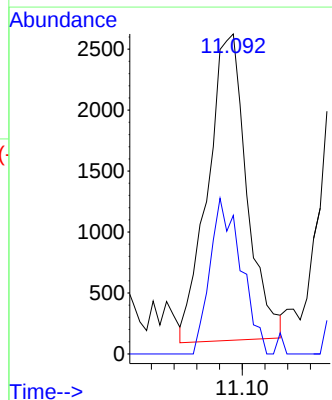
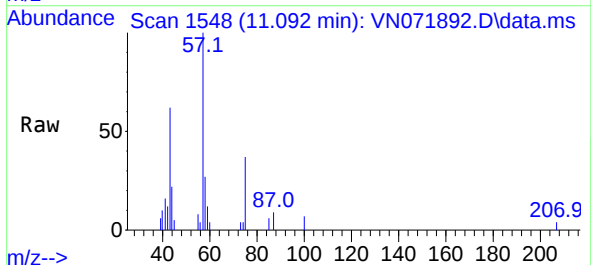
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

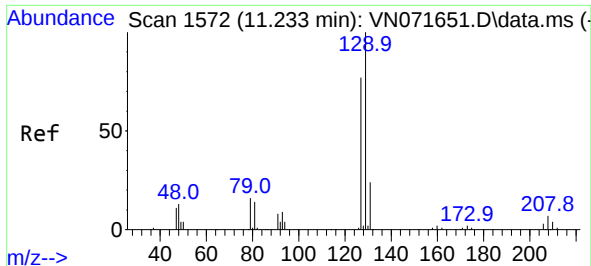
Tgt Ion: 43 Resp: 14461
Ion Ratio Lower Upper
43 100
58 43.9 34.1 51.1



#59
2-Hexanone
Concen: 0.914 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion: 43 Resp: 5993
Ion Ratio Lower Upper
43 100
58 40.6 29.7 89.1

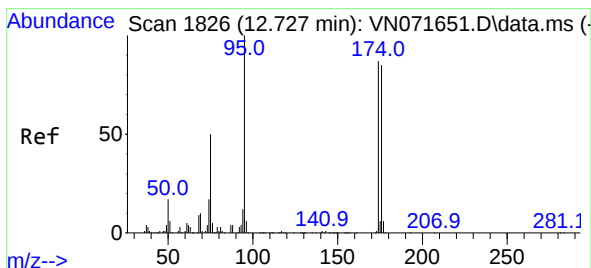
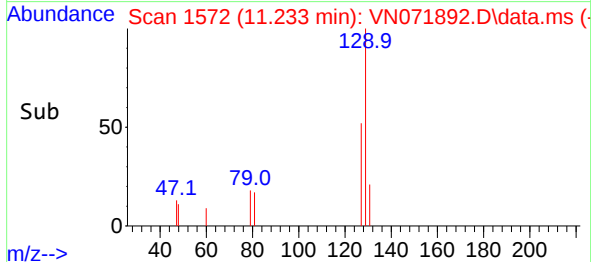
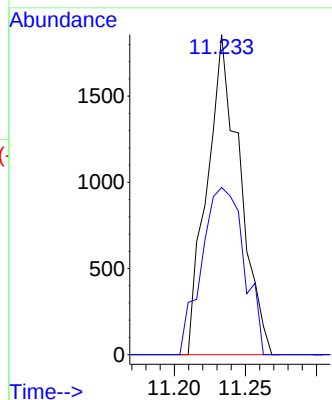
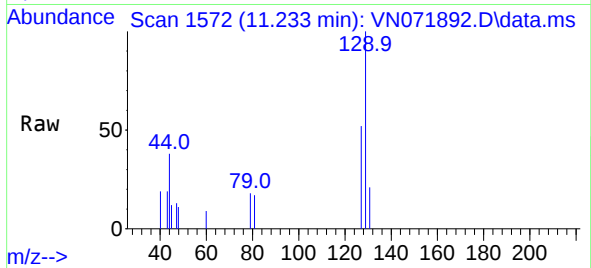




#60
Dibromochloromethane
Concen: 0.418 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

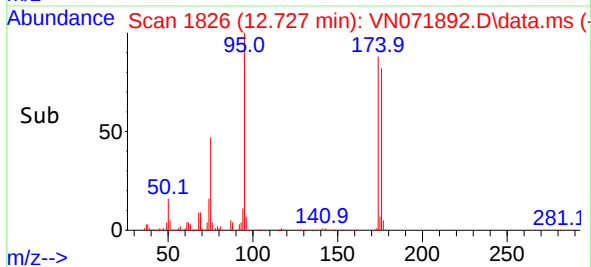
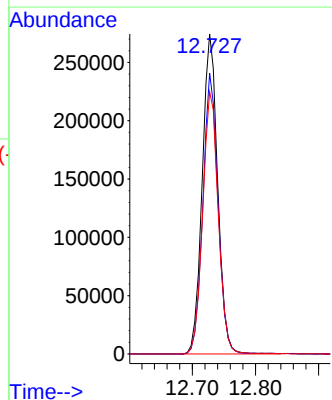
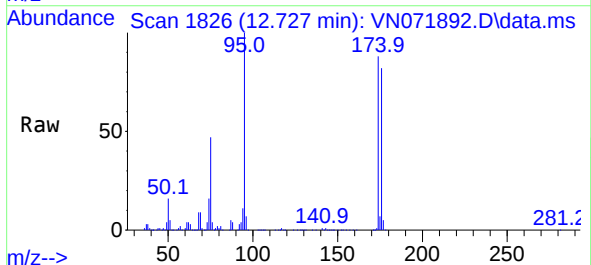
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

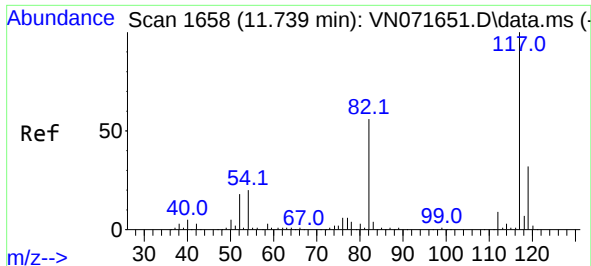
Tgt Ion:129 Resp: 2983
Ion Ratio Lower Upper
129 100
127 67.4 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 55.024 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

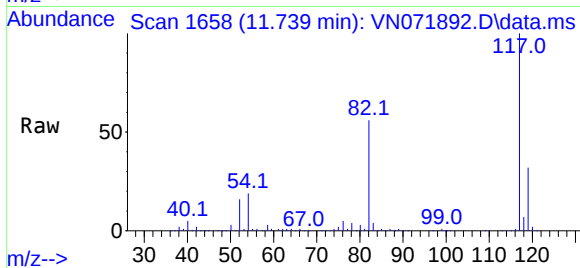
Tgt Ion: 95 Resp: 463835
Ion Ratio Lower Upper
95 100
174 85.8 0.0 167.6
176 82.8 0.0 163.4



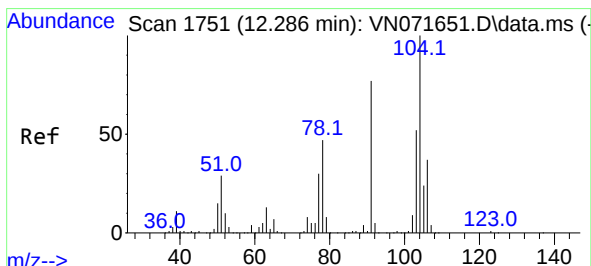
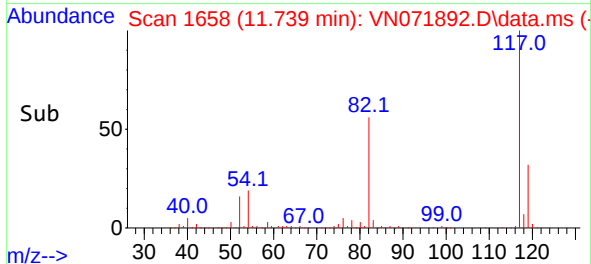
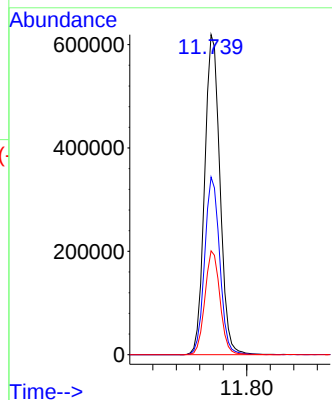


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117357
Delta R.T. 0.000 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

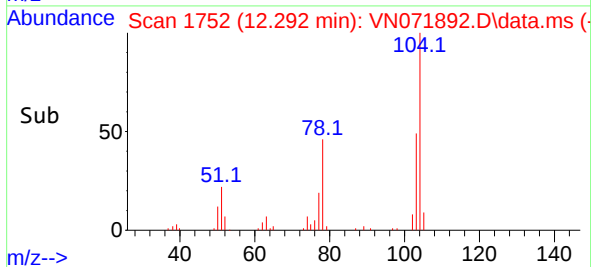
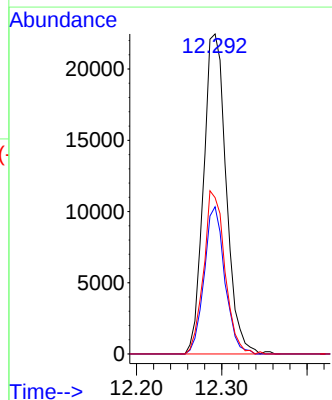
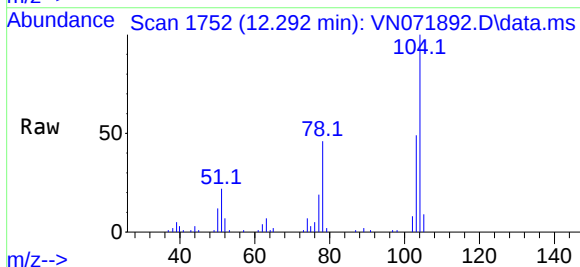


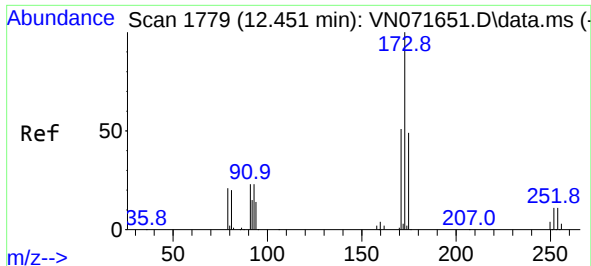
Tgt Ion:117 Resp: 1117357
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.4 25.4 38.0



#70
Styrene
Concen: 1.891 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion:104 Resp: 41396
Ion Ratio Lower Upper
104 100
78 42.0 39.5 59.3
103 47.9 44.0 66.0

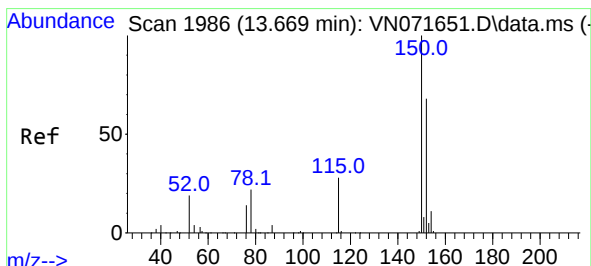
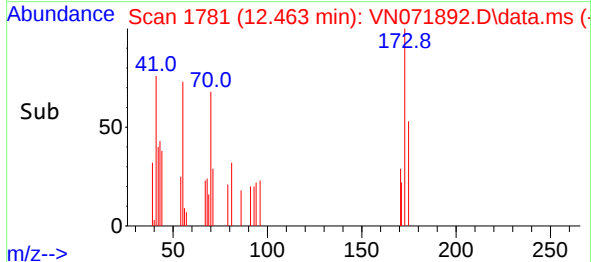
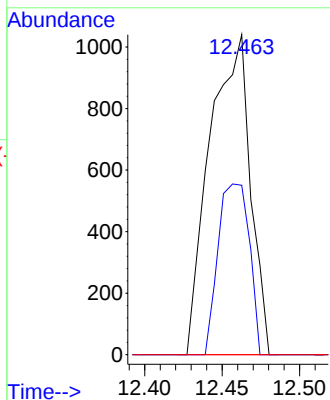
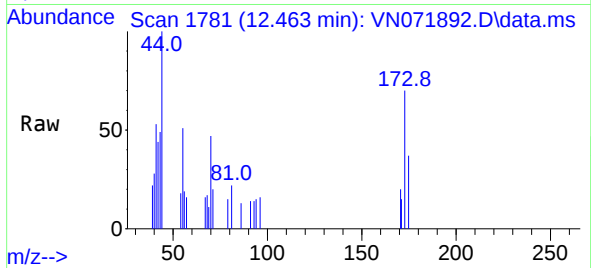




#71
Bromoform
Concen: 0.307 ug/l
RT: 12.463 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

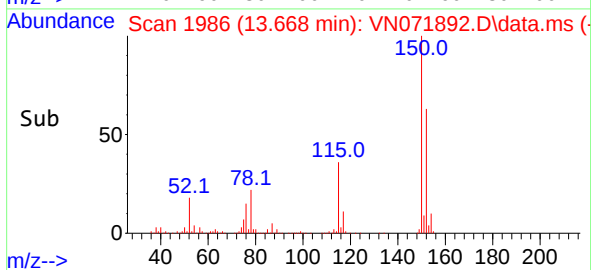
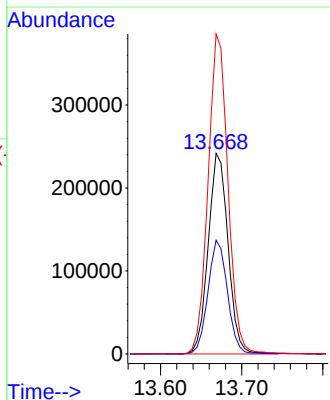
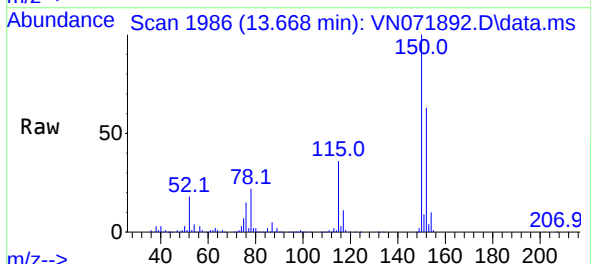
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

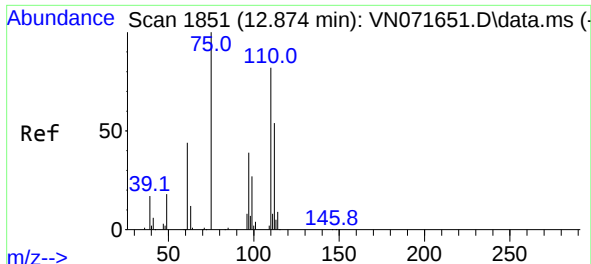
Tgt Ion:173 Resp: 1886
Ion Ratio Lower Upper
173 100
175 41.2 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Tgt Ion:152 Resp: 410797
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 159.7 0.0 356.2

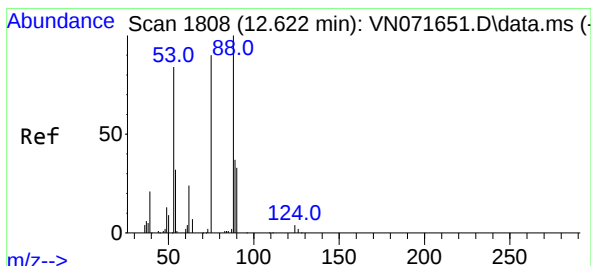
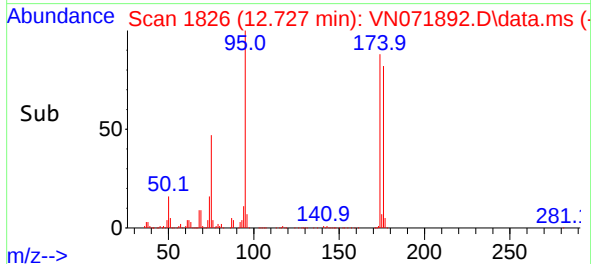
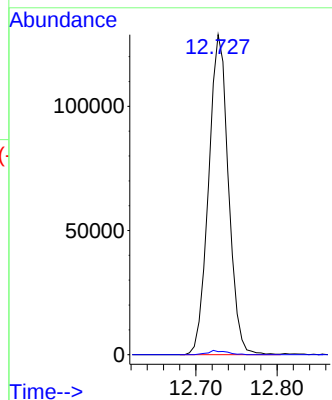
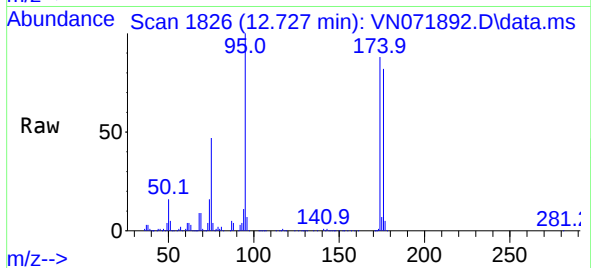




#76
1,2,3-Trichloropropane
Concen: 22.969 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

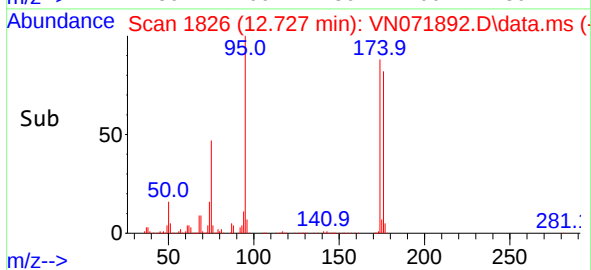
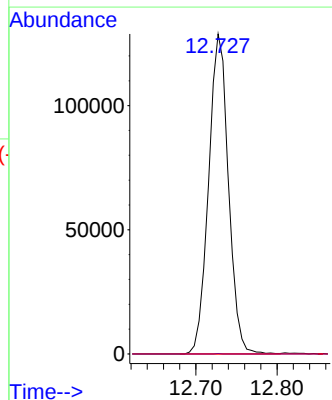
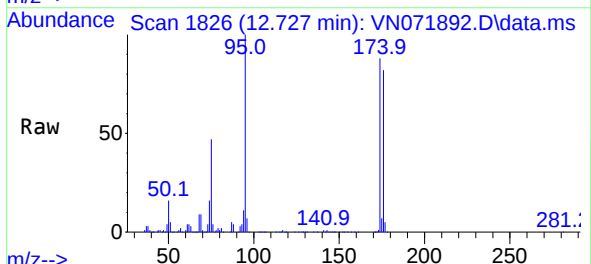
Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL

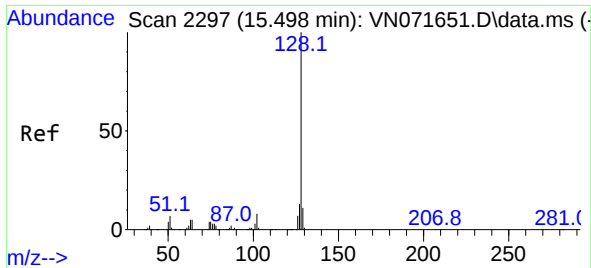
Tgt Ion: 75 Resp: 218581
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.180 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

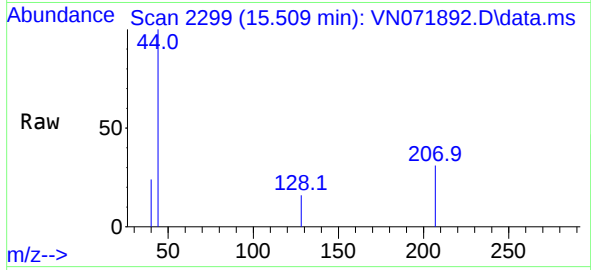
Tgt Ion: 75 Resp: 218581
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.811 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071892.D
Acq: 06 Apr 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
023-OUTFALL



Tgt Ion:	128	Resp:	167
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

