

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073906.D
 Acq On : 15 Aug 2022 19:34
 Operator : JC\MD
 Sample : N4152-01
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-081022

Quant Time: Aug 15 23:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

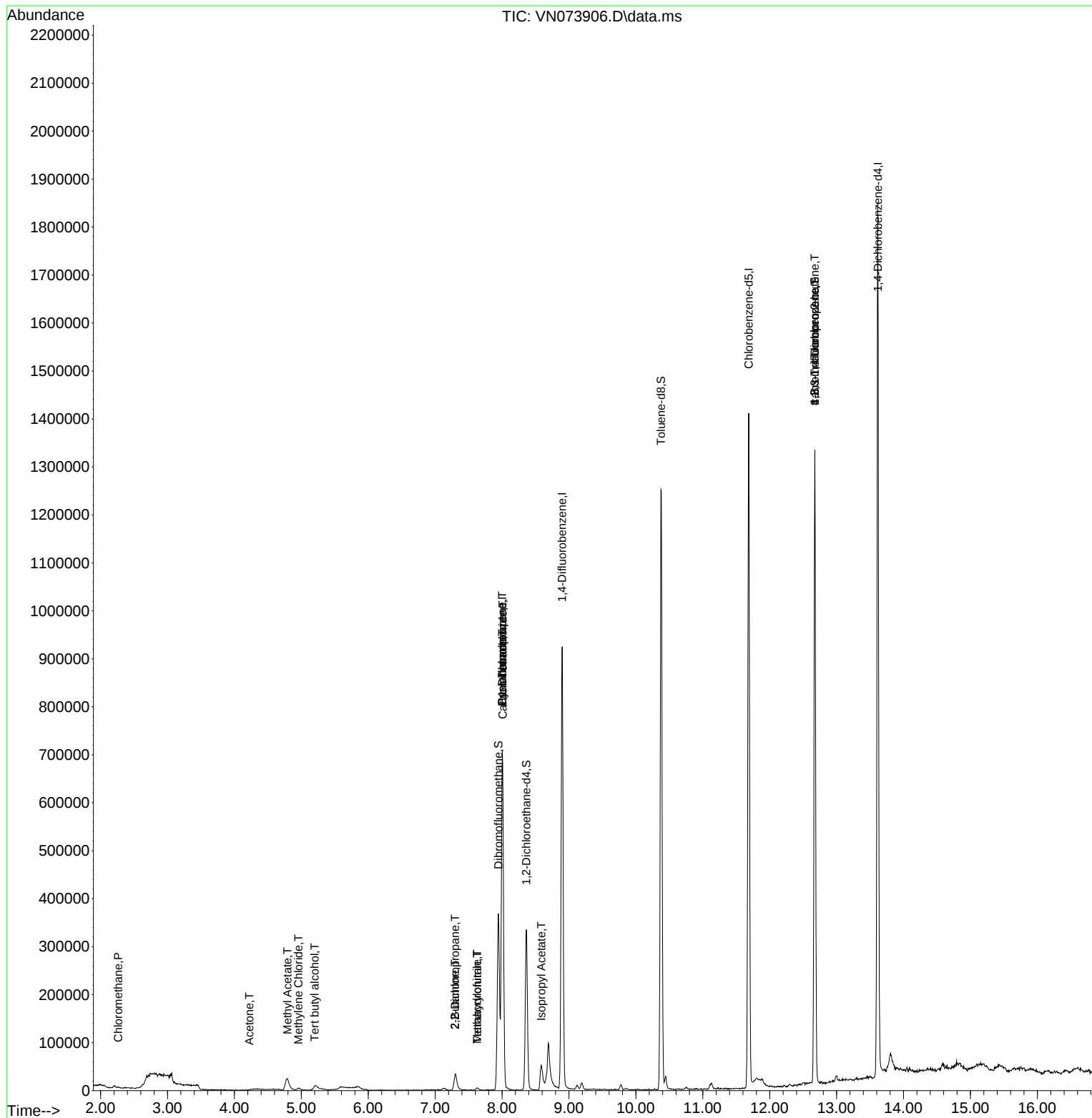
Internal Standards						
1) Pentafluorobenzene	8.004	168	610664	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	879076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	877884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	523608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	278694	46.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	7.945	113	265410	51.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	10.374	98	933708	46.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.674	95	429225	64.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.460%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1254	0.233	ug/l #	87
11) Tert butyl alcohol	5.198	59	3869	2.908	ug/l #	72
16) Acetone	4.222	43	569	0.203	ug/l #	42
18) Methyl Acetate	4.792	43	63781	6.902	ug/l	99
20) Methylene Chloride	4.957	84	3338	0.564	ug/l #	75
25) 2-Butanone	7.298	43	3348	0.752	ug/l	99
26) 2,2-Dichloropropane	7.298	77	2404	0.272	ug/l #	53
29) Tetrahydrofuran	7.628	42	3869	1.356	ug/l #	82
31) Cyclohexane	8.004	56	9743	1.175	ug/l #	1
36) 1,1-Dichloropropene	8.004	75	37577	5.204	ug/l #	49
38) Carbon Tetrachloride	8.010	117	52874	6.406	ug/l #	16
41) Methacrylonitrile	7.628	41	2379	0.602	ug/l #	16
43) Isopropyl Acetate	8.586	43	41807	3.355	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	211468	18.998	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	211468	55.265	ug/l #	10

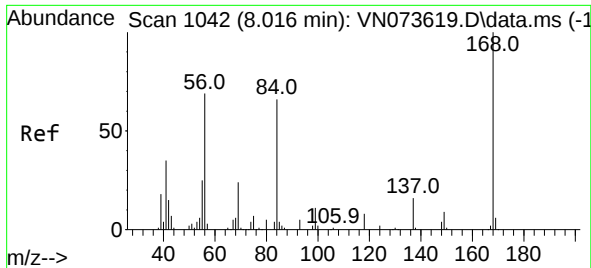
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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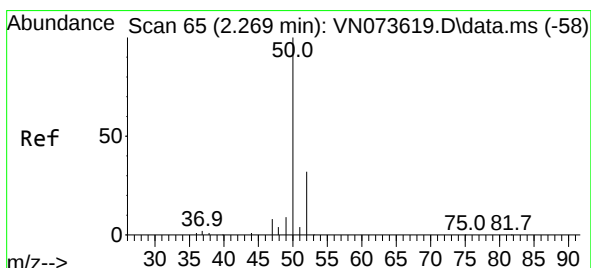
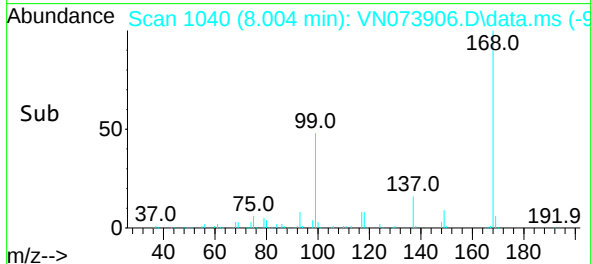
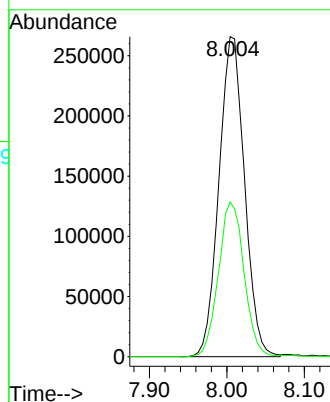
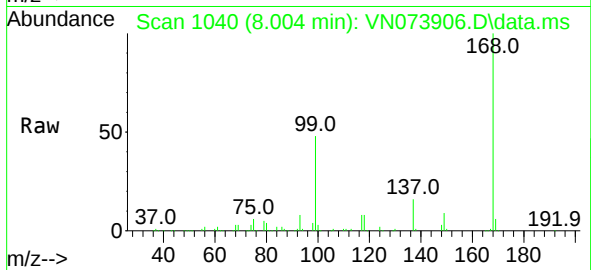




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

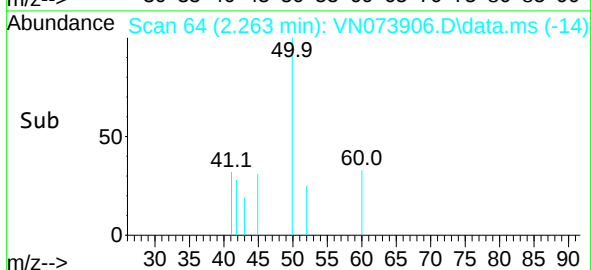
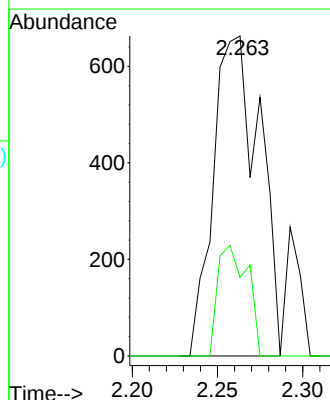
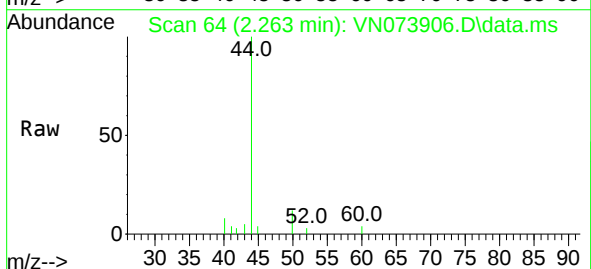
Instrument :
MSVOA_N
ClientSampleId :
EO-02-081022

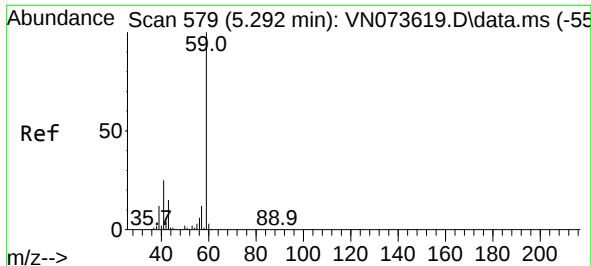
Tgt Ion:168 Resp: 610664
Ion Ratio Lower Upper
168 100
99 48.4 42.3 63.5



#3
Chloromethane
Concen: 0.233 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

Tgt Ion: 50 Resp: 1254
Ion Ratio Lower Upper
50 100
52 24.6 25.7 38.5#





#11

Tert butyl alcohol

Concen: 2.908 ug/l

RT: 5.198 min Scan# 5

Delta R.T. -0.094 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

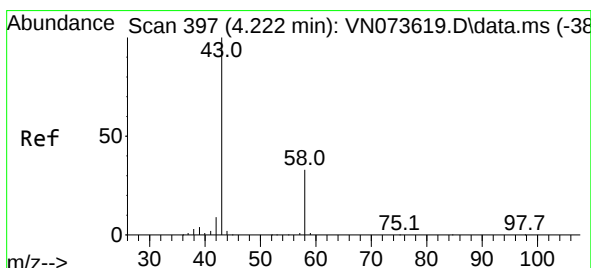
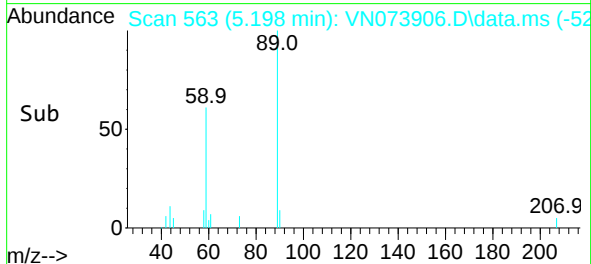
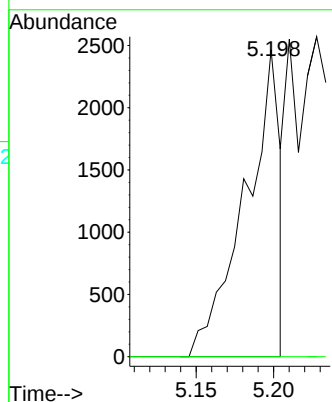
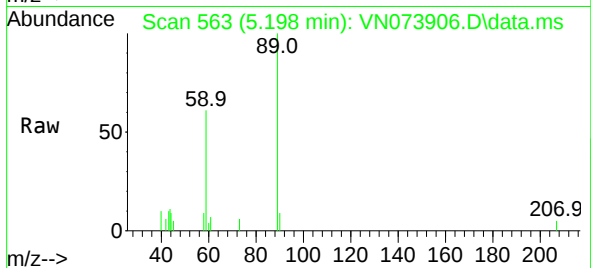
EO-02-081022

Tgt Ion: 59 Resp: 3869

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.203 ug/l

RT: 4.222 min Scan# 397

Delta R.T. -0.000 min

Lab File: VN073906.D

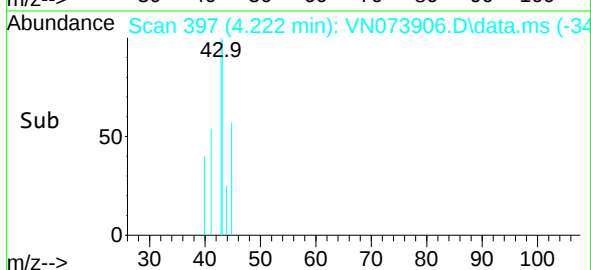
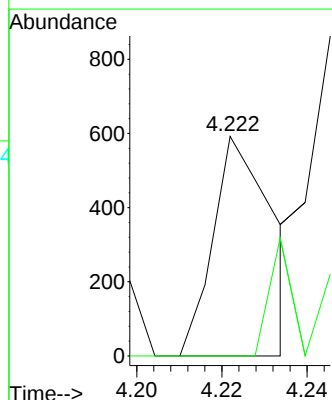
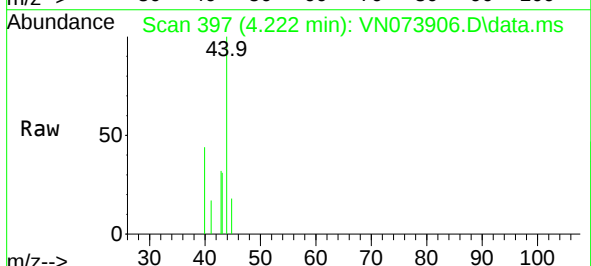
Acq: 15 Aug 2022 19:34

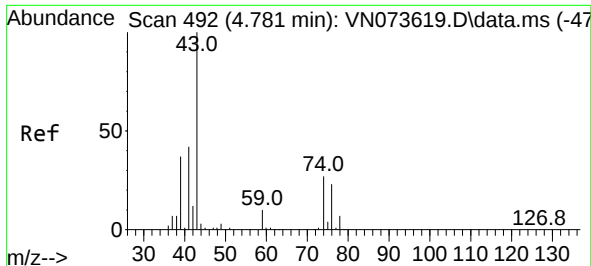
Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#

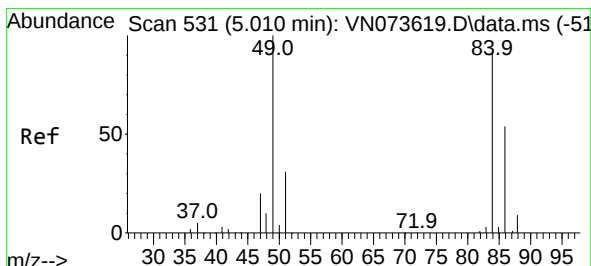
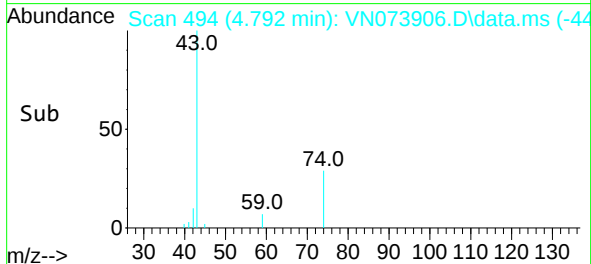
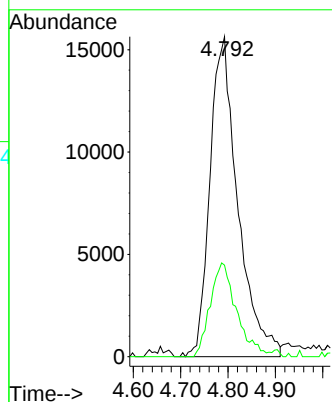
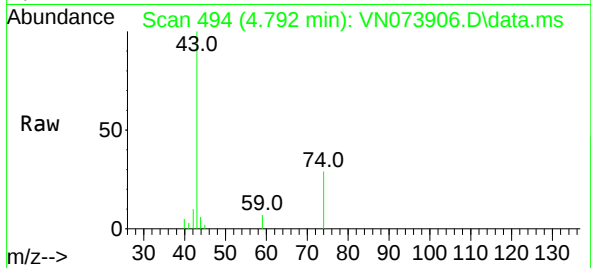




#18
Methyl Acetate
Concen: 6.902 ug/l
RT: 4.792 min Scan# 49
Delta R.T. 0.011 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

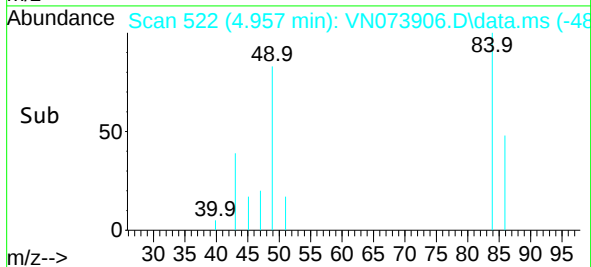
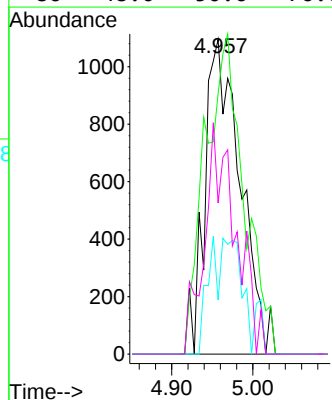
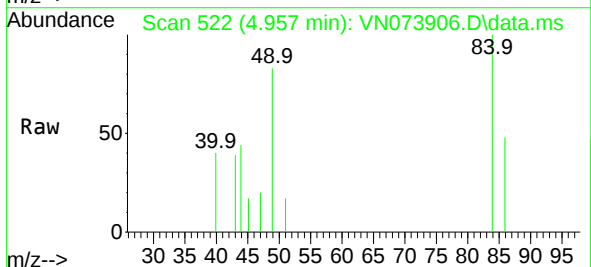
Instrument :
MSVOA_N
ClientSampleId :
EO-02-081022

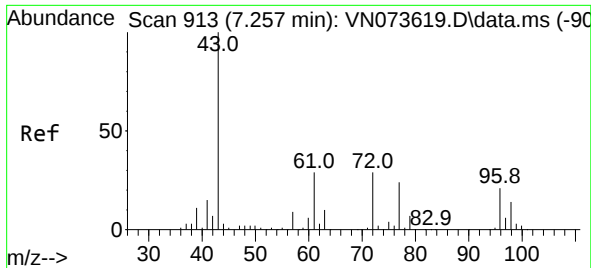
Tgt Ion: 43 Resp: 63781
Ion Ratio Lower Upper
43 100
74 27.5 21.6 32.4



#20
Methylene Chloride
Concen: 0.564 ug/l
RT: 4.957 min Scan# 522
Delta R.T. -0.053 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

Tgt Ion: 84 Resp: 3338
Ion Ratio Lower Upper
84 100
49 82.8 88.3 132.5#
51 17.2 28.2 42.2#
86 48.0 50.6 76.0#





#25

2-Butanone

Concen: 0.752 ug/l

RT: 7.298 min Scan# 91

Delta R.T. 0.041 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

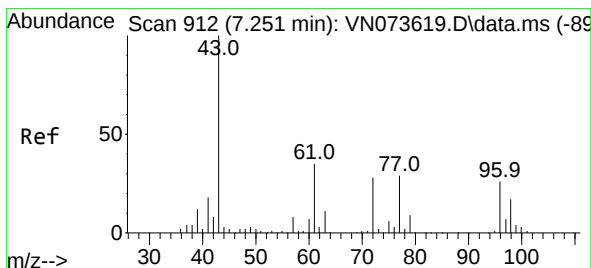
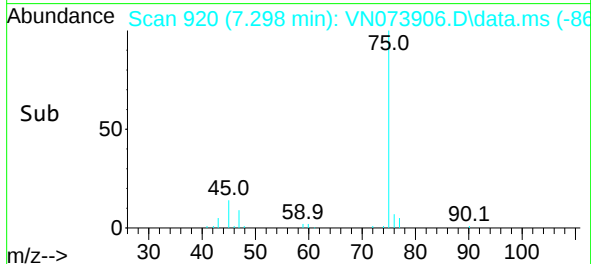
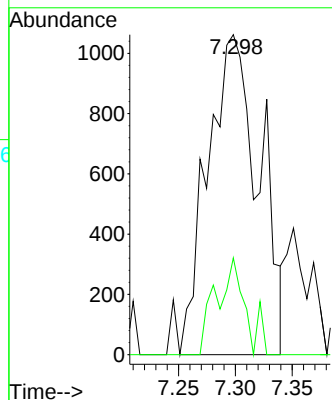
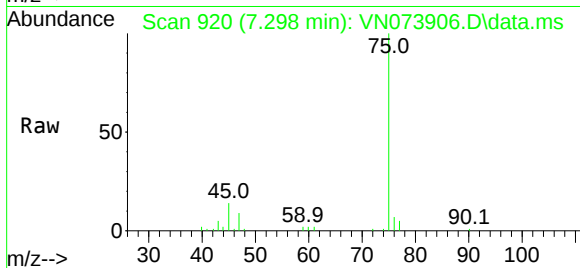
EO-02-081022

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

43 100

72 30.2 23.7 35.5



#26

2,2-Dichloropropane

Concen: 0.272 ug/l

RT: 7.298 min Scan# 920

Delta R.T. 0.047 min

Lab File: VN073906.D

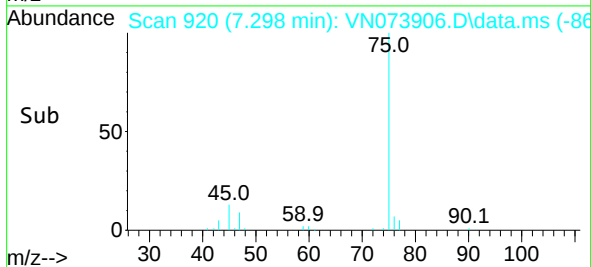
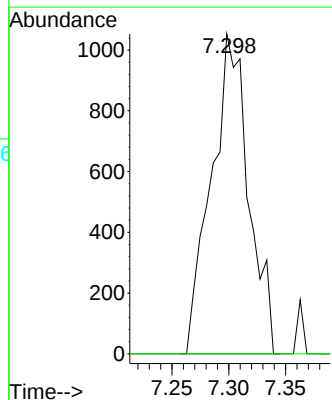
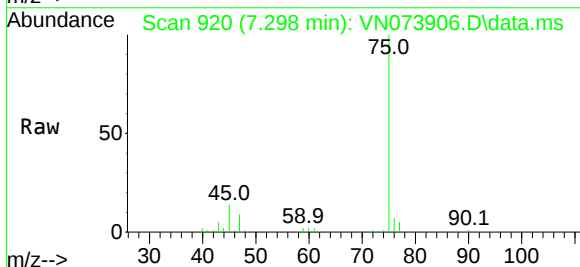
Acq: 15 Aug 2022 19:34

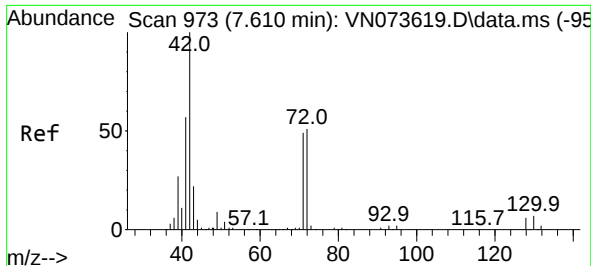
Tgt Ion: 77 Resp: 2404

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 1.356 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

EO-02-081022

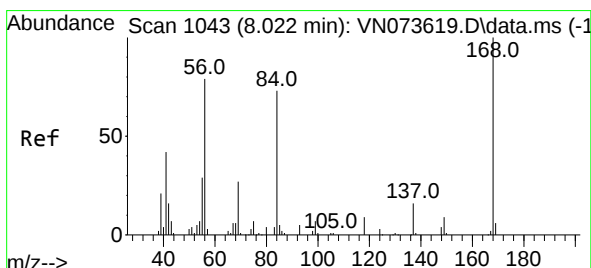
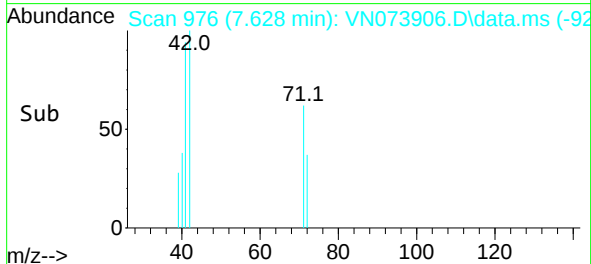
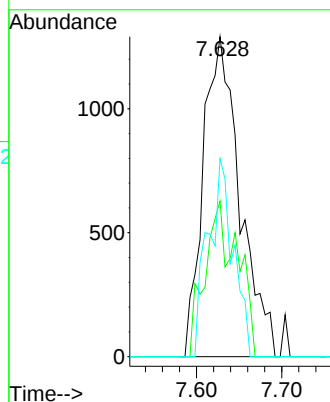
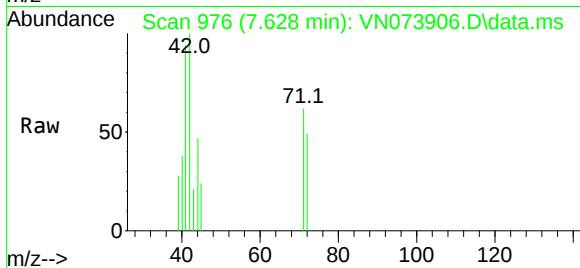
Tgt Ion: 42 Resp: 3869

Ion Ratio Lower Upper

42 100

72 29.6 39.7 59.5#

71 42.4 36.6 55.0



#31

Cyclohexane

Concen: 1.175 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.018 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

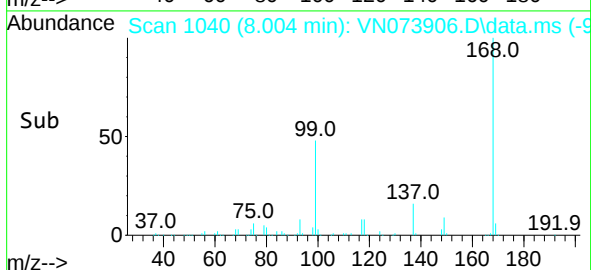
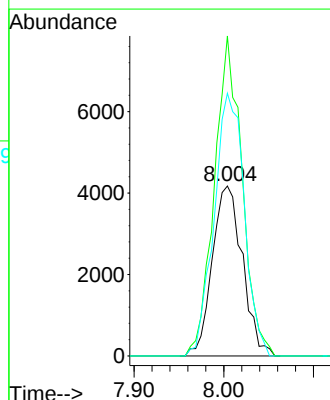
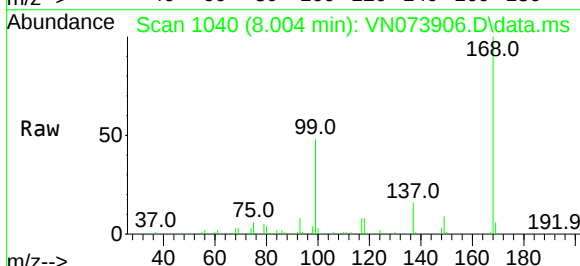
Tgt Ion: 56 Resp: 9743

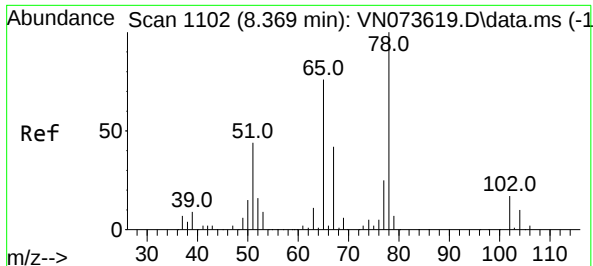
Ion Ratio Lower Upper

56 100

69 188.4 27.8 41.8#

84 154.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.856 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

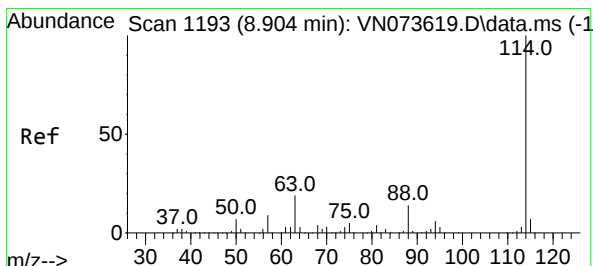
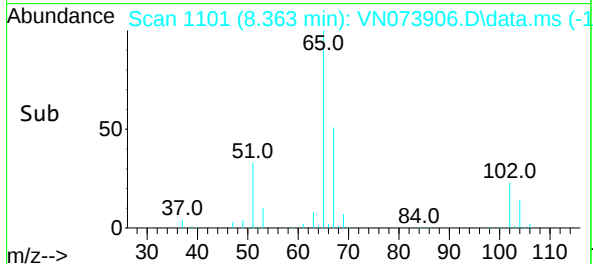
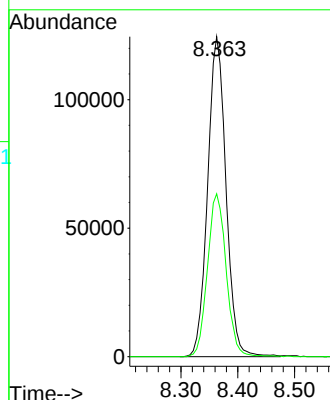
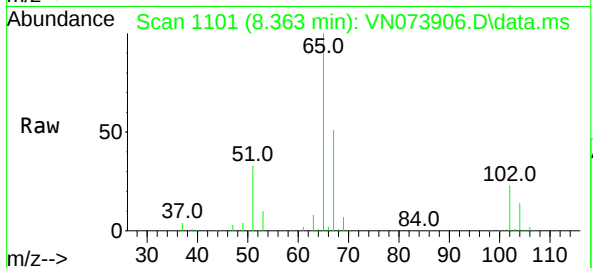
EO-02-081022

Tgt Ion: 65 Resp: 278694

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

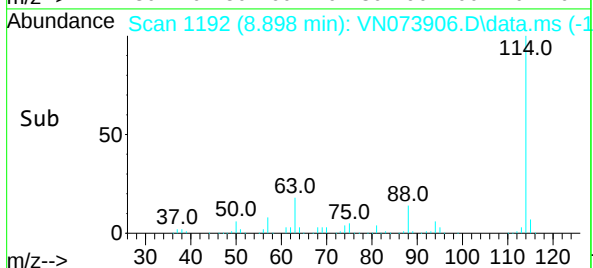
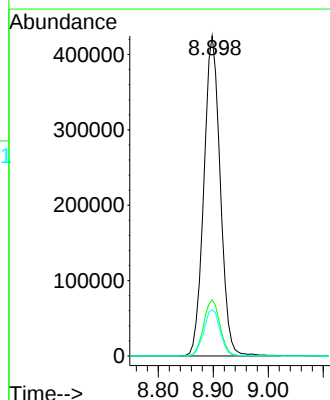
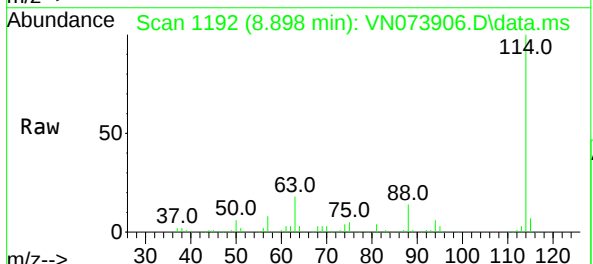
Tgt Ion: 114 Resp: 879076

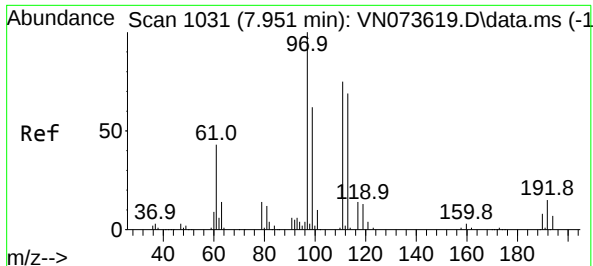
Ion Ratio Lower Upper

114 100

63 17.5 0.0 40.0

88 14.4 0.0 32.6

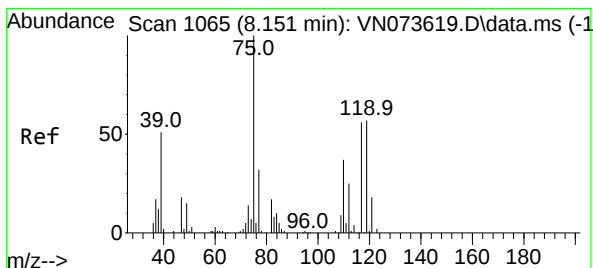
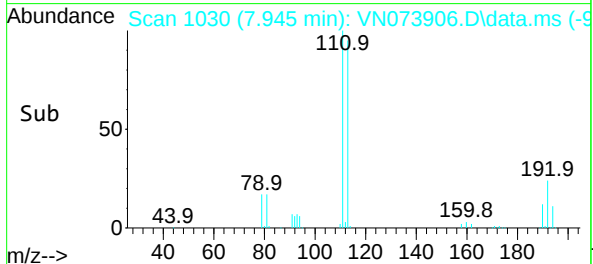
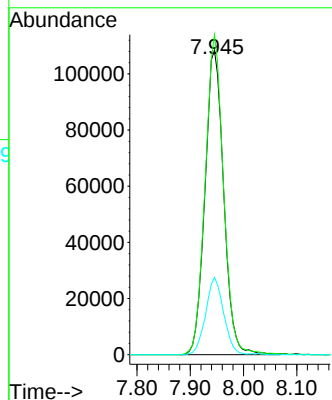
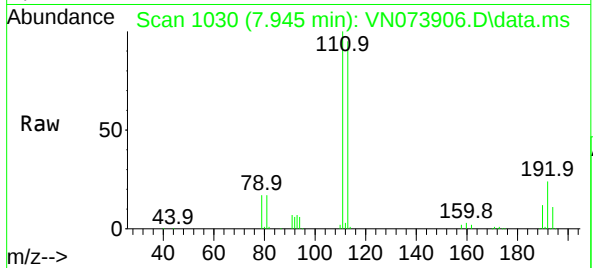




#35
Dibromofluoromethane
Concen: 51.053 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

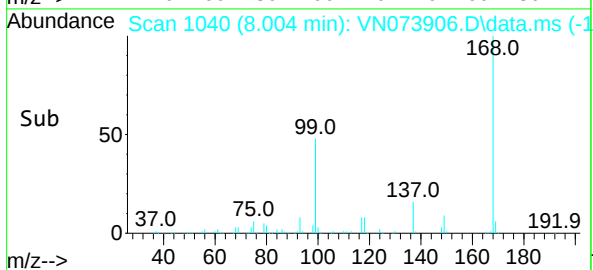
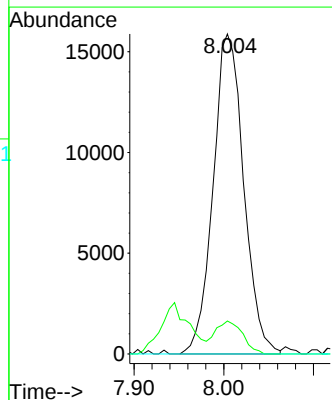
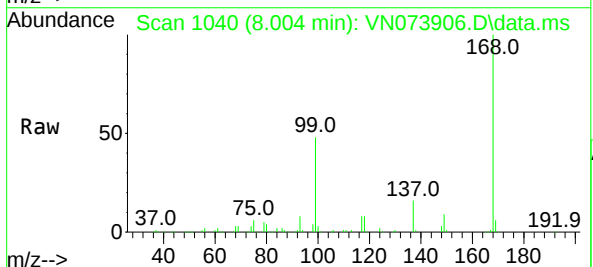
Instrument :
MSVOA_N
ClientSampleId :
EO-02-081022

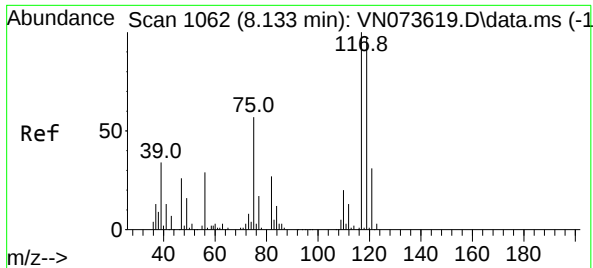
Tgt Ion:113 Resp: 265410
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 24.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.204 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.147 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

Tgt Ion: 75 Resp: 37577
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#

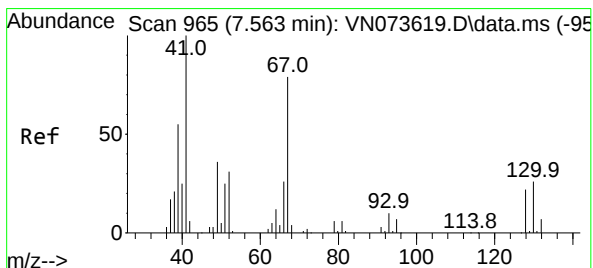
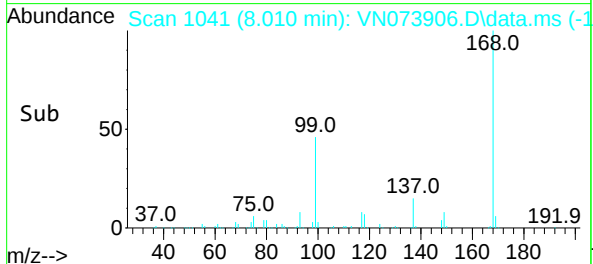
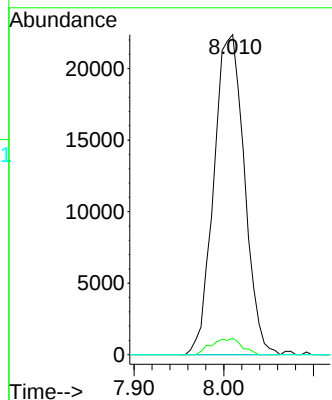
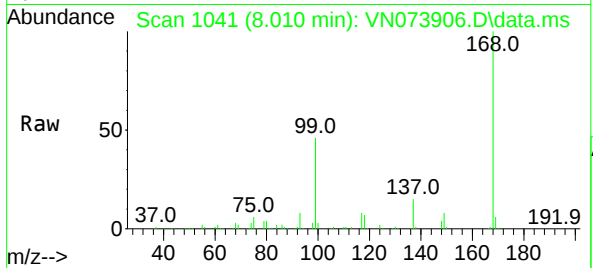




#38
Carbon Tetrachloride
Concen: 6.406 ug/l
RT: 8.010 min Scan# 117
Delta R.T. -0.124 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

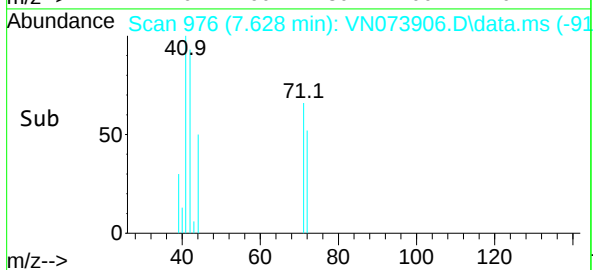
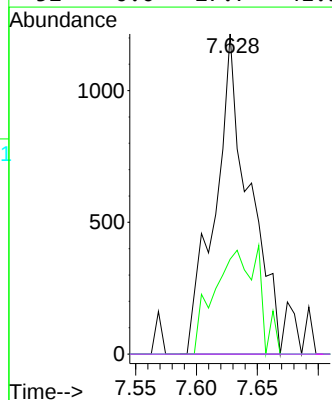
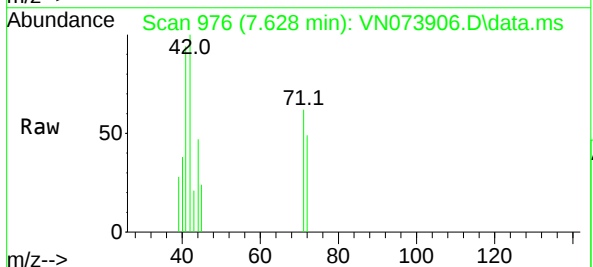
Instrument :
MSVOA_N
ClientSampleId :
EO-02-081022

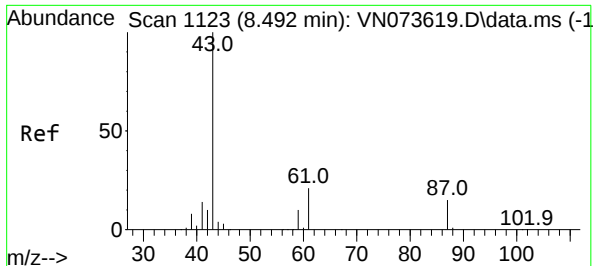
Tgt Ion:117 Resp: 52874
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.602 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.065 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

Tgt Ion: 41 Resp: 2379
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#43

Isopropyl Acetate

Concen: 3.355 ug/l

RT: 8.586 min Scan# 1123

Delta R.T. 0.094 min

Lab File: VN073906.D

Acq: 15 Aug 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

EO-02-081022

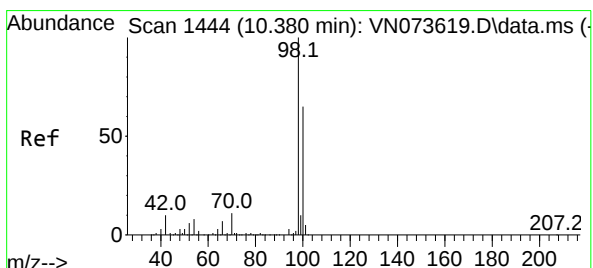
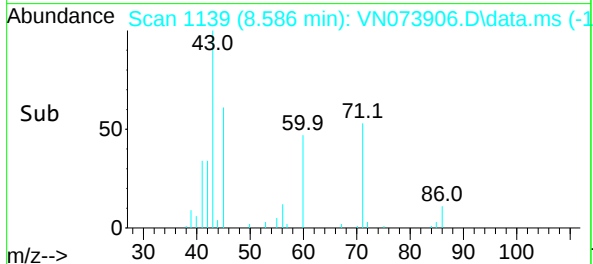
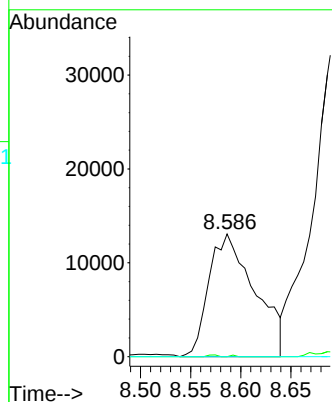
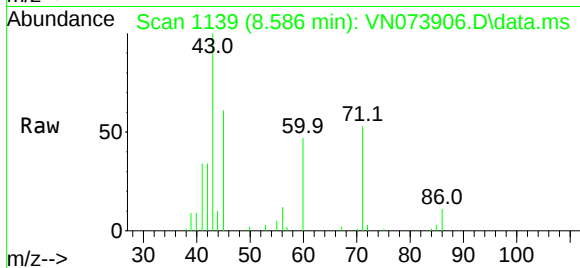
Tgt Ion: 43 Resp: 41807

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 46.374 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN073906.D

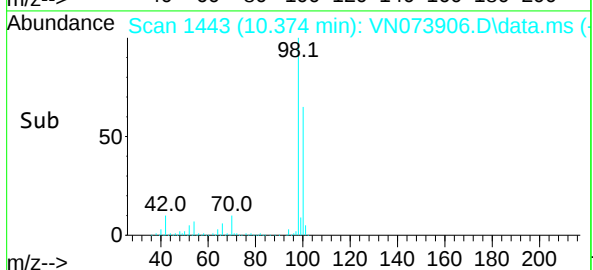
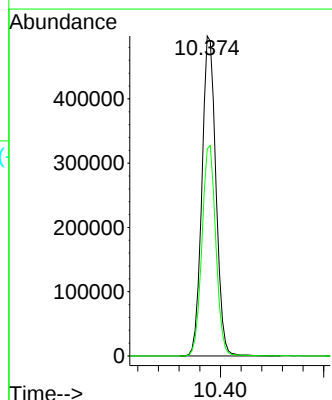
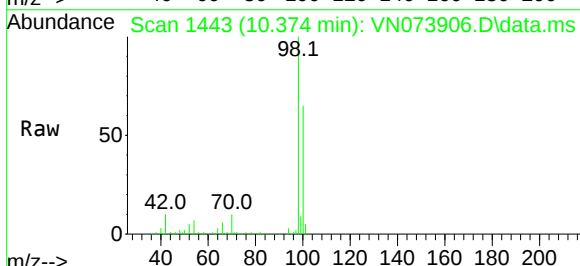
Acq: 15 Aug 2022 19:34

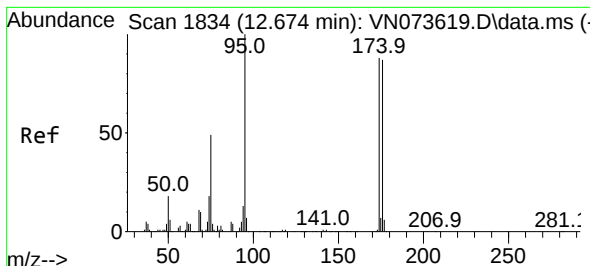
Tgt Ion: 98 Resp: 933708

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

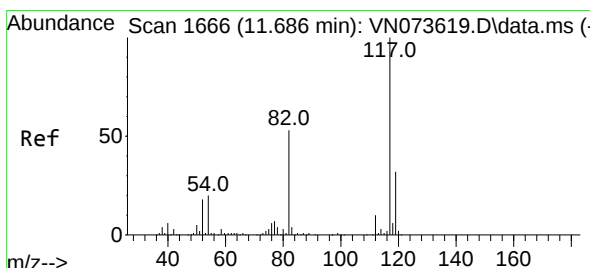
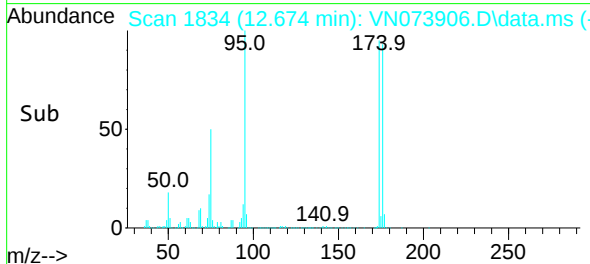
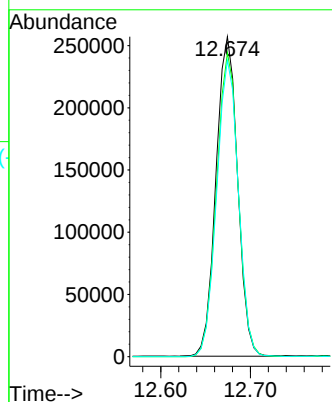
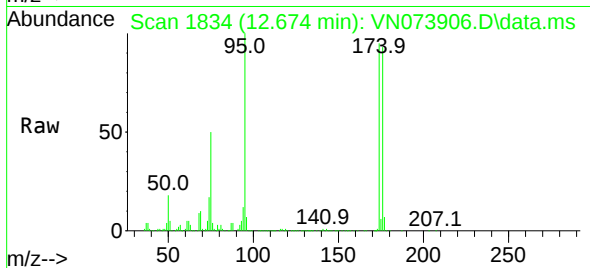




#62
4-Bromofluorobenzene
Concen: 64.234 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

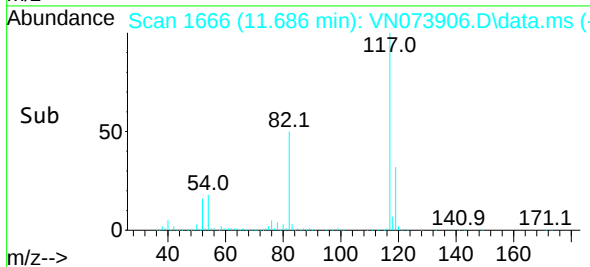
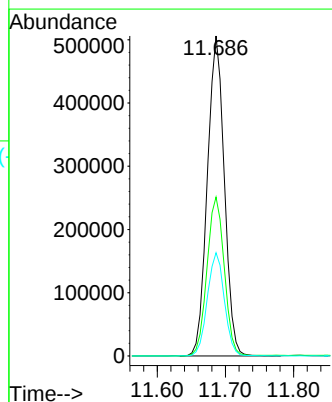
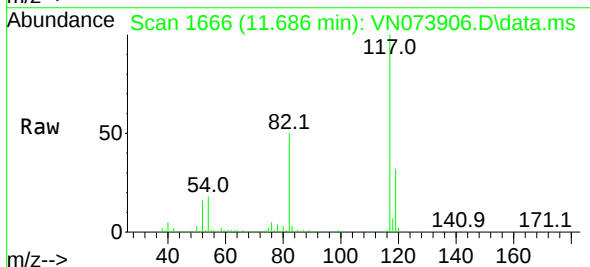
Instrument :
MSVOA_N
ClientSampleId :
EO-02-081022

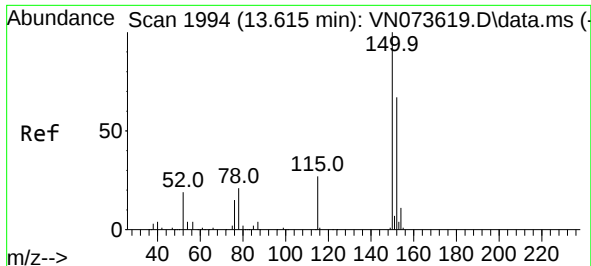
Tgt Ion: 95 Resp: 429225
Ion Ratio Lower Upper
95 100
174 95.6 0.0 167.6
176 93.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073906.D
Acq: 15 Aug 2022 19:34

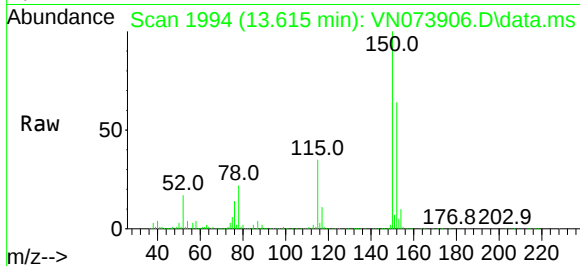
Tgt Ion: 117 Resp: 877884
Ion Ratio Lower Upper
117 100
82 49.6 44.2 66.2
119 32.2 25.4 38.0



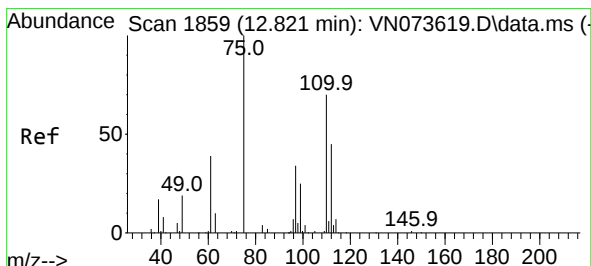
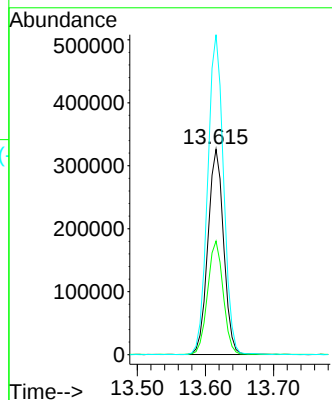
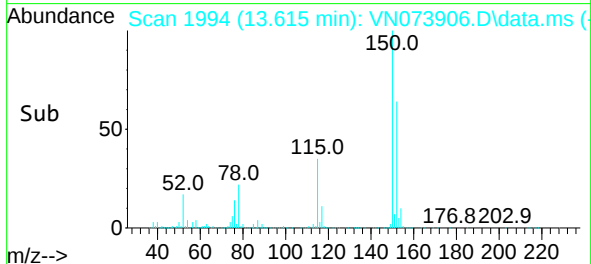


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VN073906.D
 Acq: 15 Aug 2022 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-081022

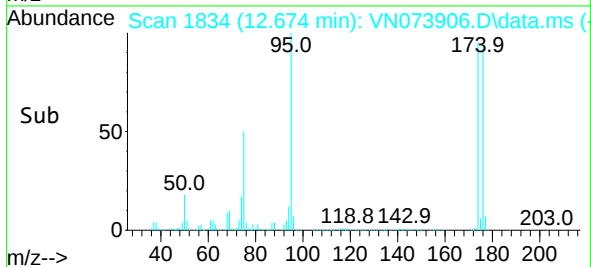
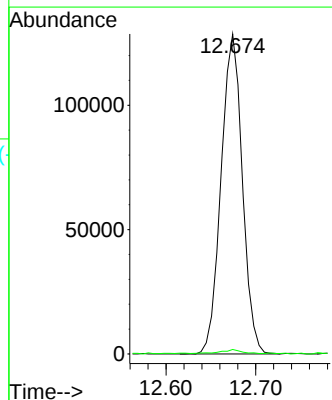
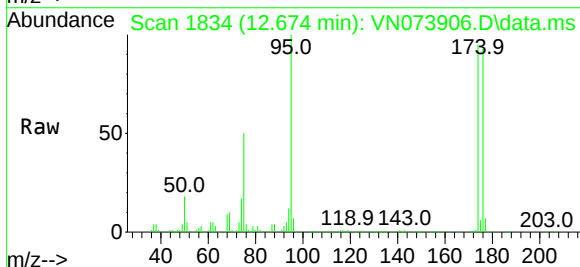


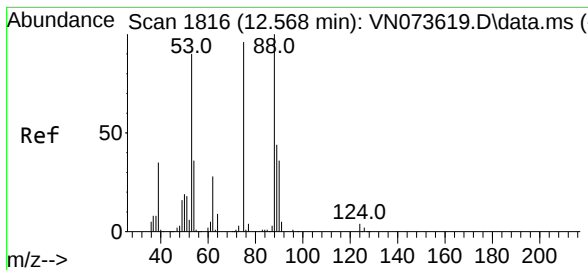
Tgt Ion:152 Resp: 523608
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.9 86.7
 150 156.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 18.998 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073906.D
 Acq: 15 Aug 2022 19:34

Tgt Ion: 75 Resp: 211468
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.265 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073906.D
 Acq: 15 Aug 2022 19:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-081022

Tgt Ion: 75 Resp: 211468
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#

