

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073895.D
 Acq On : 15 Aug 2022 15:04
 Operator : JC\MD
 Sample : VN0815MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBL01

Quant Time: Aug 15 23:57:14 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)

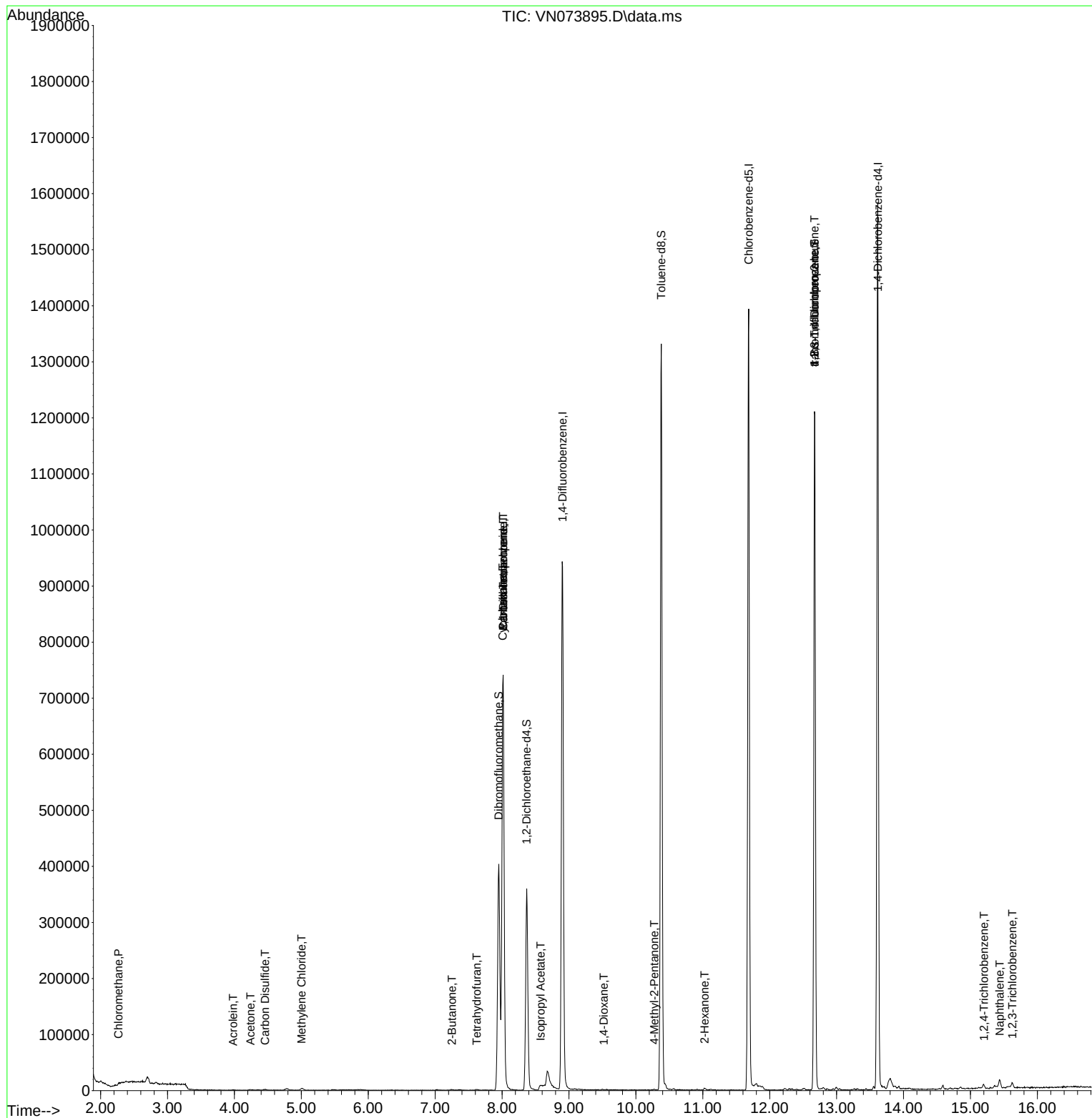
Internal Standards						
1) Pentafluorobenzene	8.016	168	650588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	930555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	873297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	472143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	296259	46.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.500%		
35) Dibromofluoromethane	7.951	113	290952	52.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.740%		
50) Toluene-d8	10.380	98	960575	45.069	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.140%		
62) 4-Bromofluorobenzene	12.669	95	394116	55.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.440%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1513	0.264	ug/l	95
13) Acrolein	3.981	56	345	0.348	ug/l	86
16) Acetone	4.240	43	2322	0.777	ug/l	96
17) Carbon Disulfide	4.457	76	2825	0.231	ug/l #	75
18) Methyl Acetate	4.787	43	5764	Below Cal	#	78
20) Methylene Chloride	5.004	84	2917	0.462	ug/l #	74
25) 2-Butanone	7.251	43	1480	0.312	ug/l #	45
29) Tetrahydrofuran	7.622	42	670	0.220	ug/l #	78
31) Cyclohexane	8.010	56	10387	1.176	ug/l #	8
36) 1,1-Dichloropropene	8.016	75	39323	5.144	ug/l #	50
38) Carbon Tetrachloride	8.016	117	57476	6.578	ug/l #	16
43) Isopropyl Acetate	8.575	43	6306	0.478	ug/l #	53
49) 1,4-Dioxane	9.522	88	57	0.340	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	2001	0.224	ug/l #	65
58) 2-Chloroethyl Vinyl ether	9.975	63	189	Below Cal	#	44
59) 2-Hexanone	11.027	43	3194	0.465	ug/l	70
76) 1,2,3-Trichloropropane	12.669	75	195946	19.530	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	195946	56.790	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.204	180	3408	0.336	ug/l	95
95) Naphthalene	15.439	128	16444	0.497	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	4064	0.388	ug/l	95

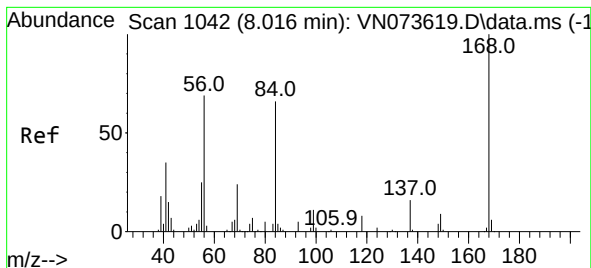
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 15 23:50:46 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

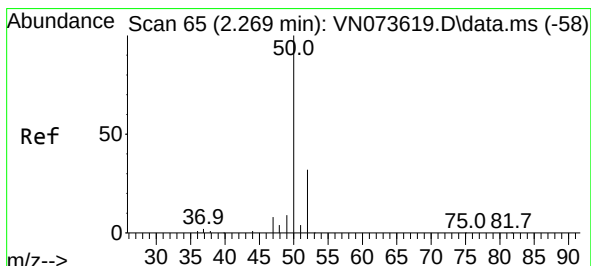
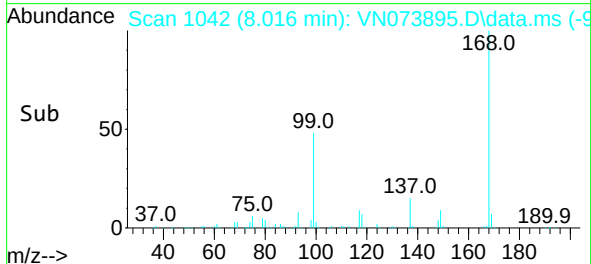
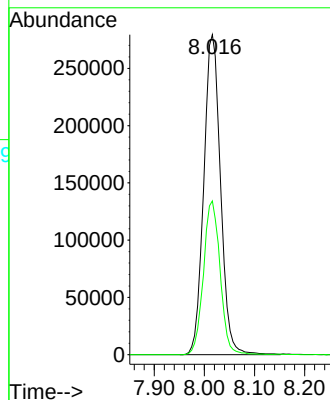
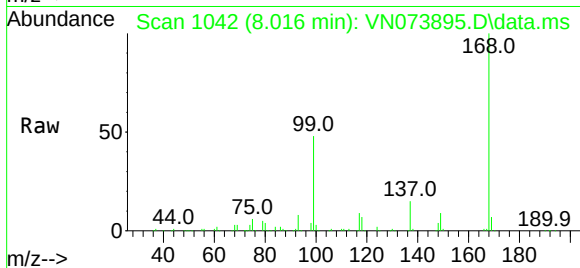
VN0815MBL01

Tgt Ion:168 Resp: 650588

Ion Ratio Lower Upper

168 100

99 48.0 42.3 63.5



#3

Chloromethane

Concen: 0.264 ug/l

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073895.D

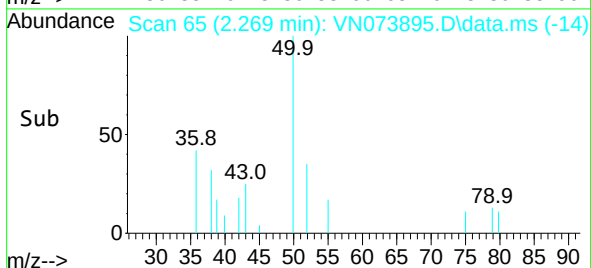
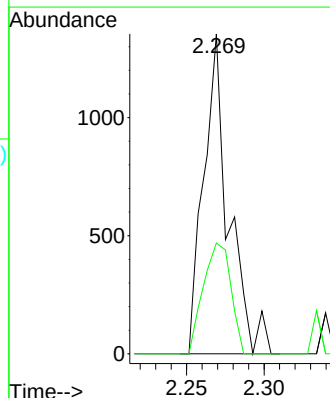
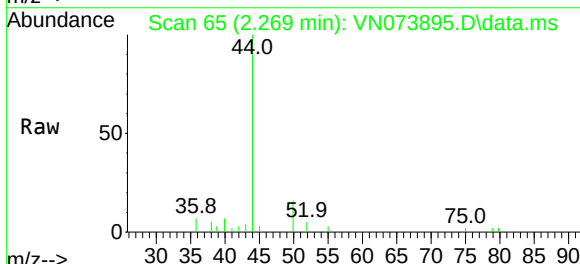
Acq: 15 Aug 2022 15:04

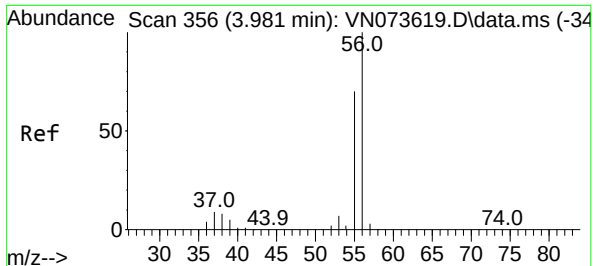
Tgt Ion: 50 Resp: 1513

Ion Ratio Lower Upper

50 100

52 34.6 25.7 38.5

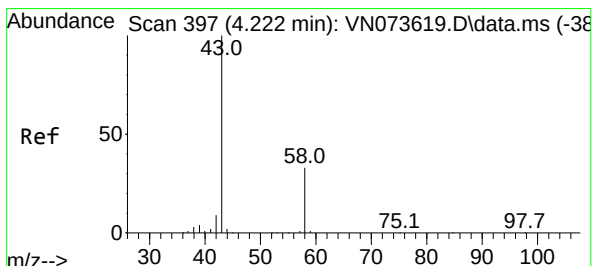
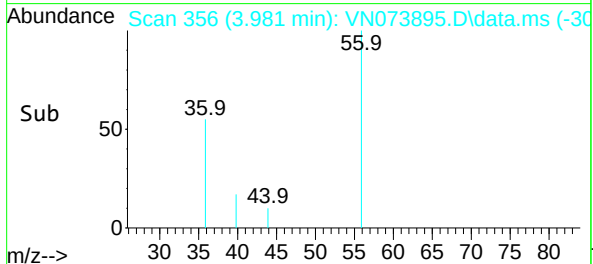
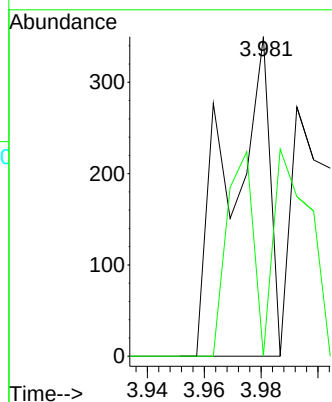
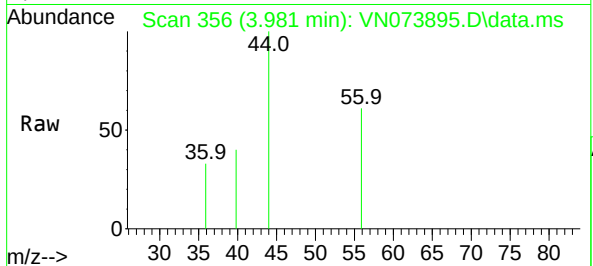




#13
Acrolein
Concen: 0.348 ug/l
RT: 3.981 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

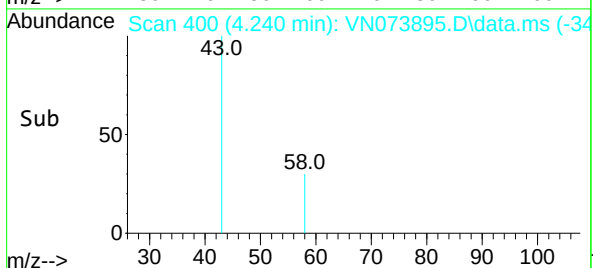
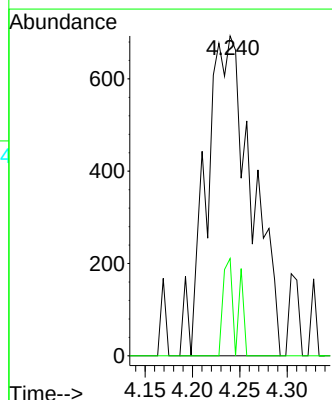
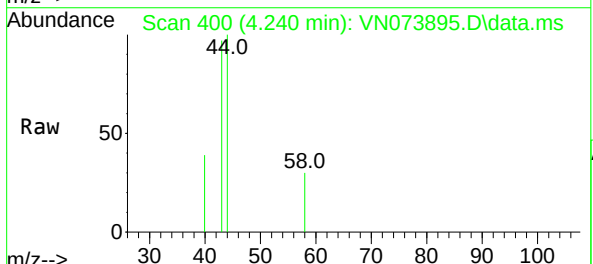
Instrument :
MSVOA_N
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VN0815MBL01

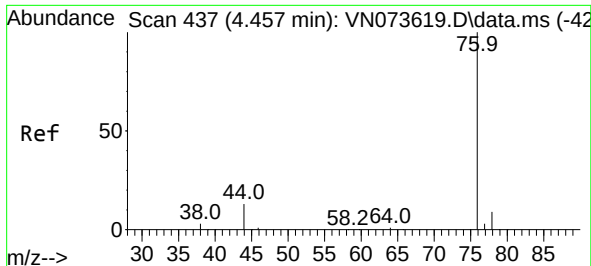
Tgt Ion: 56 Resp: 345
Ion Ratio Lower Upper
56 100
55 57.4 54.8 82.2



#16
Acetone
Concen: 0.777 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0

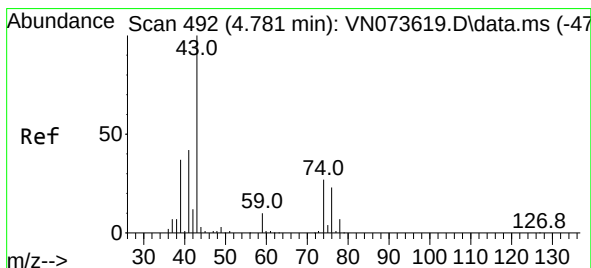
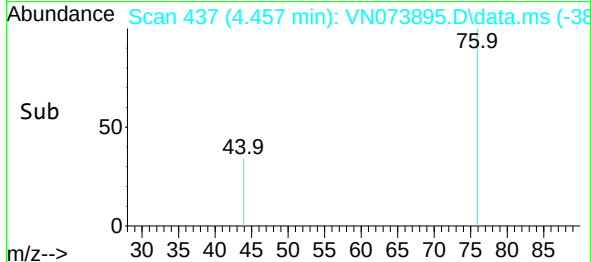
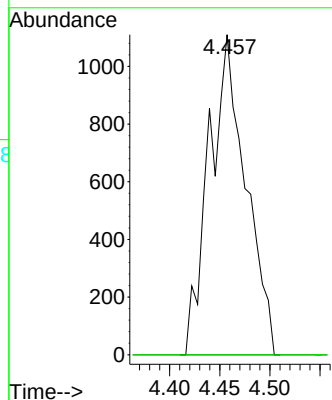
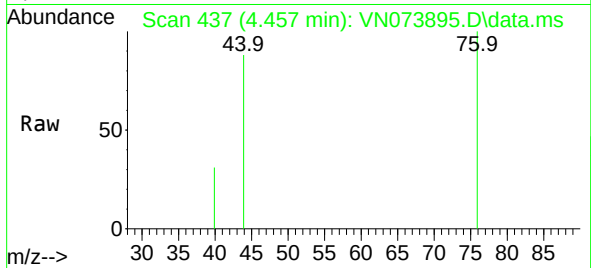




#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

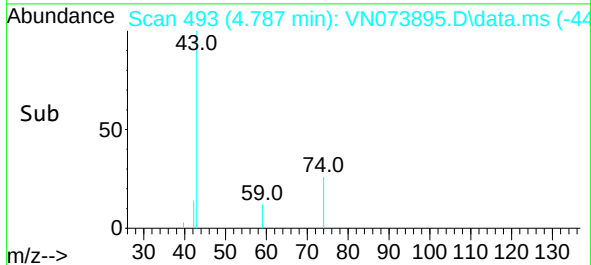
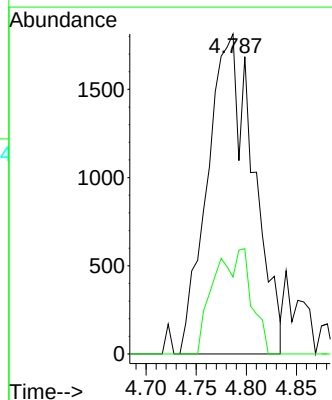
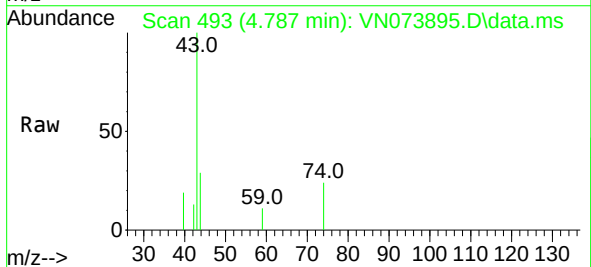
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBL01

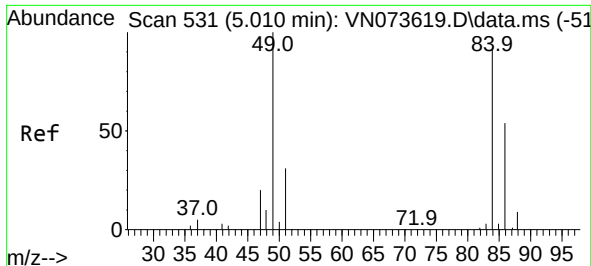
Tgt Ion: 76 Resp: 2825
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
74 15.4 21.6 32.4#

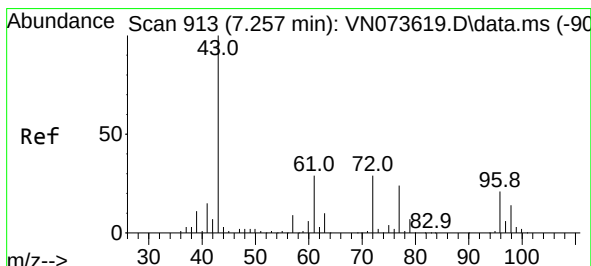
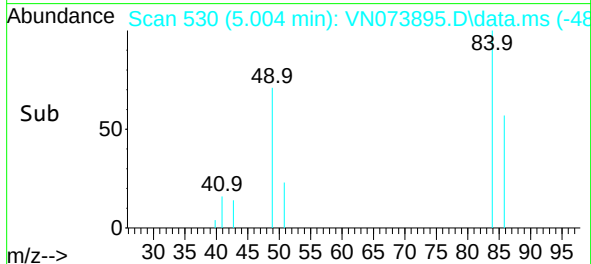
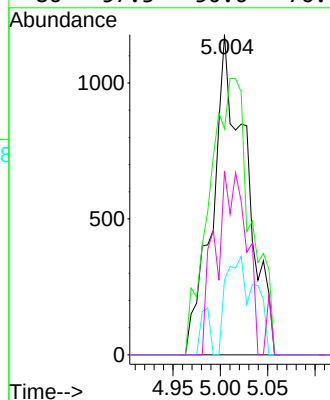
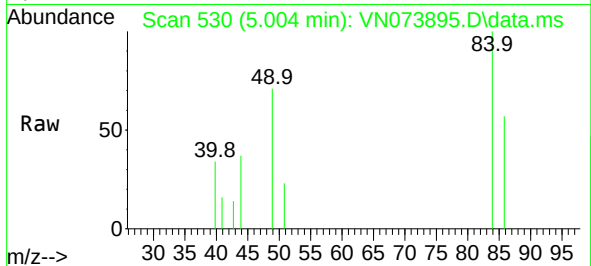




#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

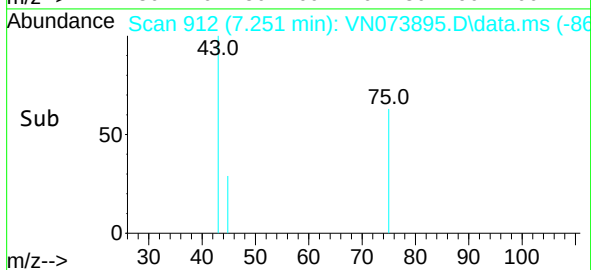
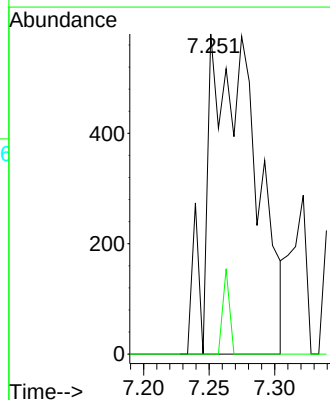
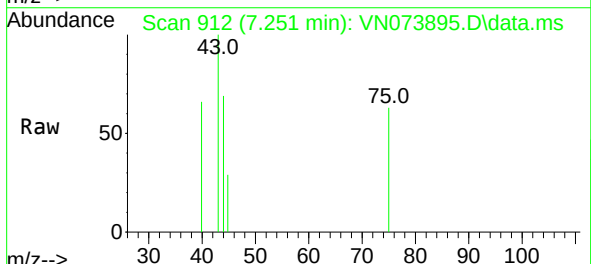
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBL01

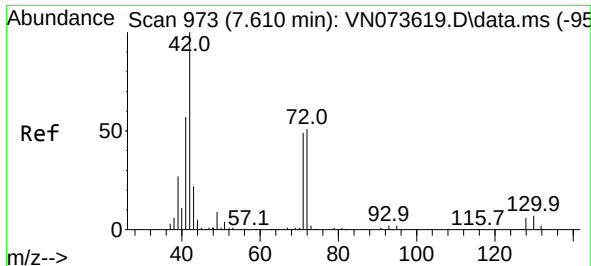
Tgt Ion:	84	Resp:	2917
Ion	Ratio	Lower	Upper
84	100		
49	70.5	88.3	132.5#
51	23.4	28.2	42.2#
86	57.3	50.6	76.0



#25
2-Butanone
Concen: 0.312 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion:	43	Resp:	1480
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.220 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBL01

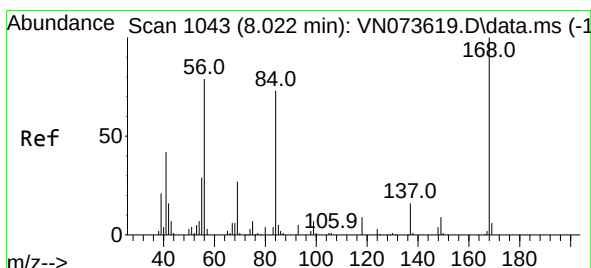
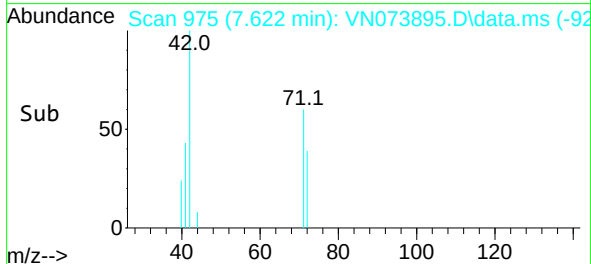
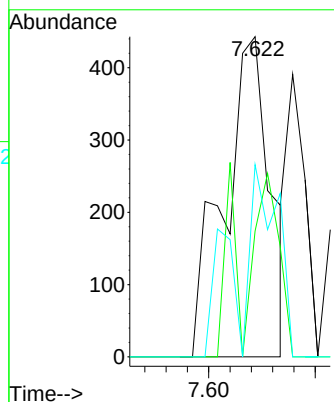
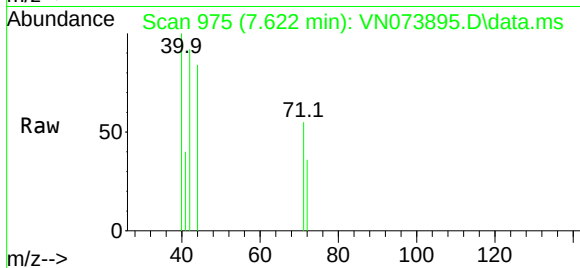
Tgt Ion: 42 Resp: 670

Ion Ratio Lower Upper

42 100

72 30.6 39.7 59.5#

71 35.2 36.6 55.0#



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

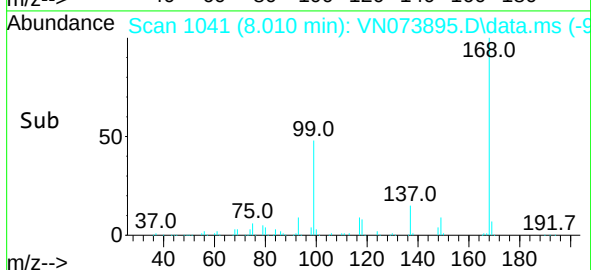
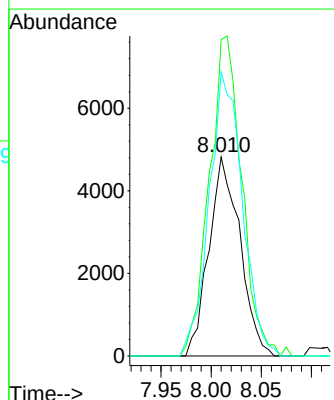
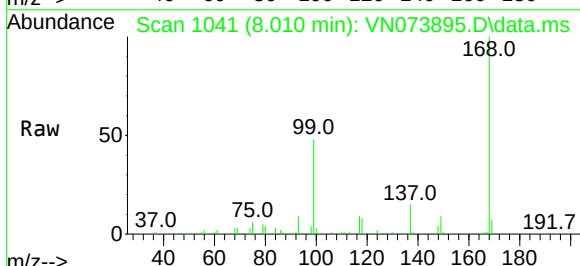
Tgt Ion: 56 Resp: 10387

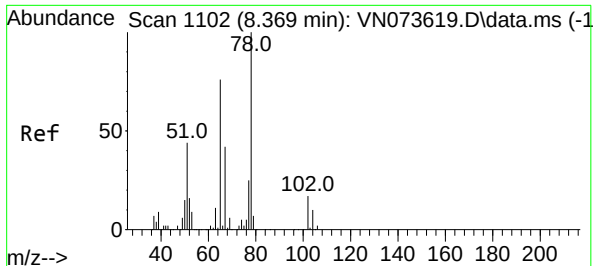
Ion Ratio Lower Upper

56 100

69 159.1 27.8 41.8#

84 142.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.753 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

Instrument :

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ClientSampleId :

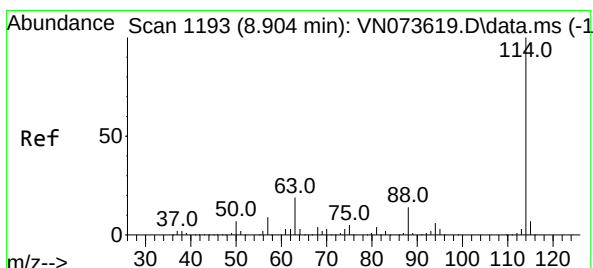
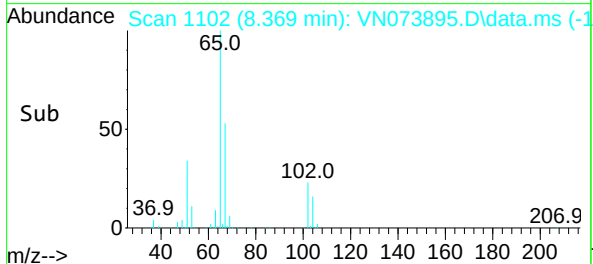
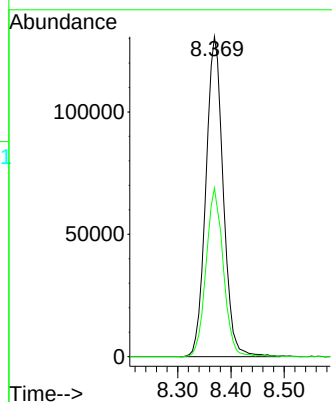
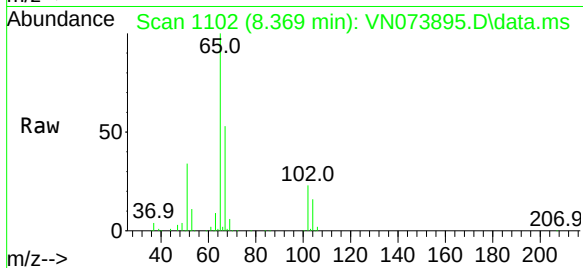
VN0815MBL01

Tgt Ion: 65 Resp: 296259

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

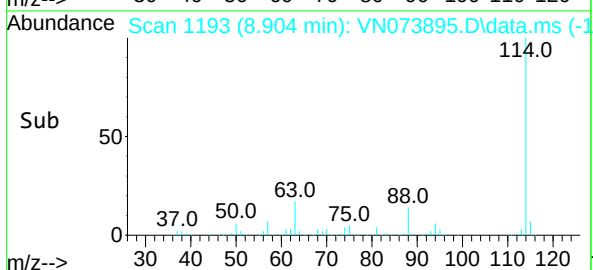
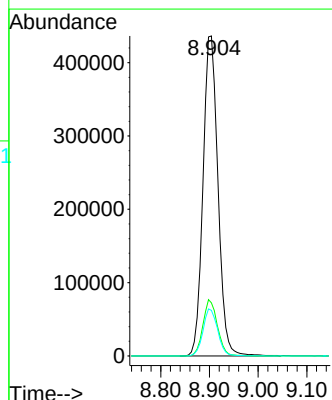
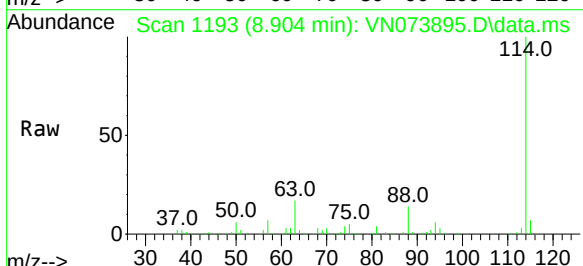
Tgt Ion: 114 Resp: 930555

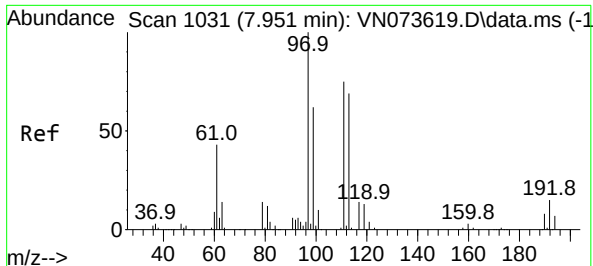
Ion Ratio Lower Upper

114 100

63 16.6 0.0 40.0

88 14.3 0.0 32.6

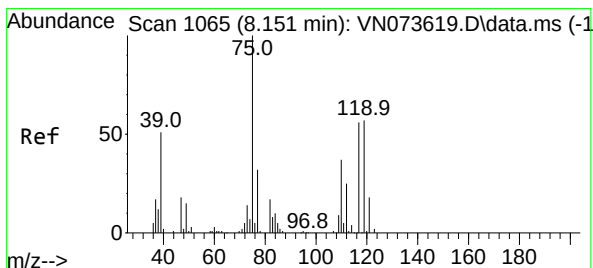
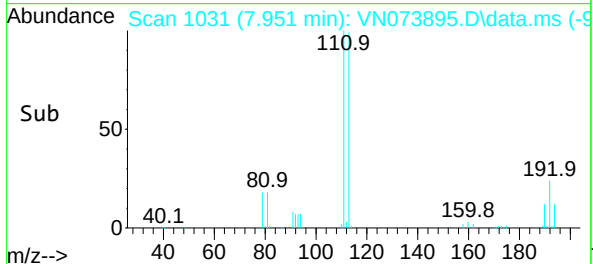
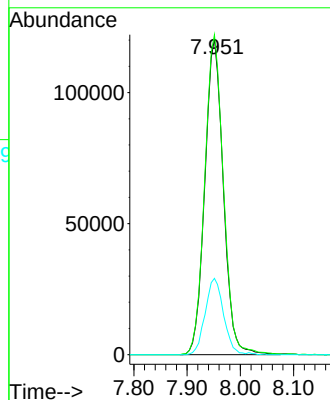
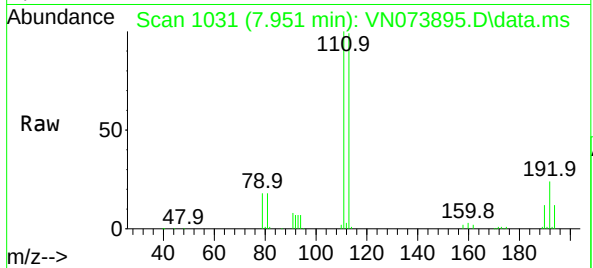




#35
Dibromofluoromethane
Concen: 52.870 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

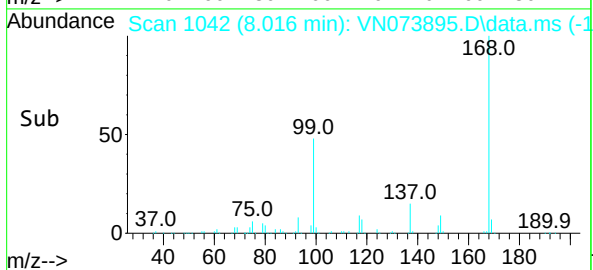
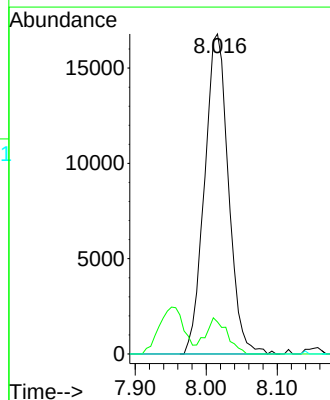
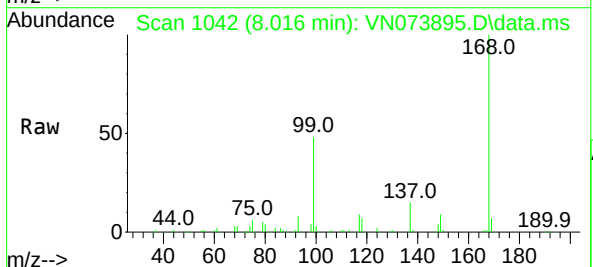
Instrument :
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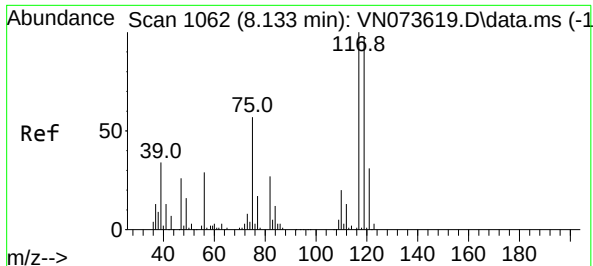
Tgt Ion:113 Resp: 290952
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 24.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 75 Resp: 39323
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.578 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.118 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBL01

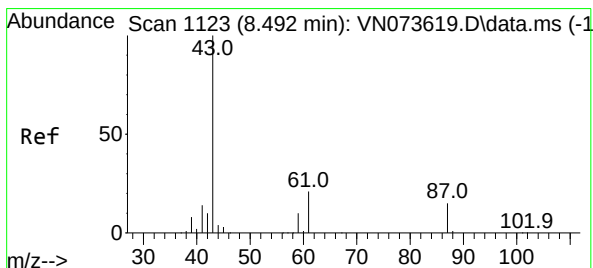
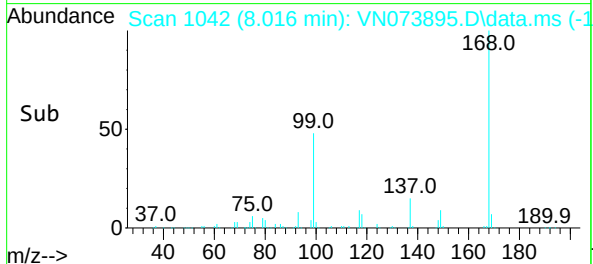
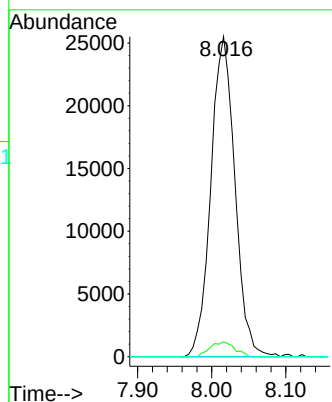
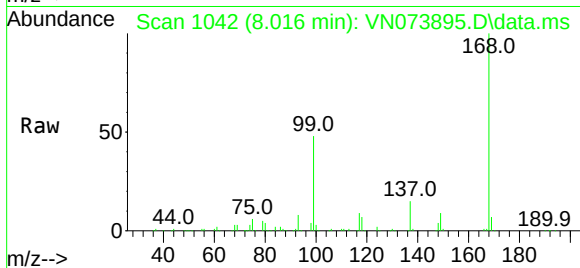
Tgt Ion:117 Resp: 57476

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.478 ug/l

RT: 8.575 min Scan# 1137

Delta R.T. 0.082 min

Lab File: VN073895.D

Acq: 15 Aug 2022 15:04

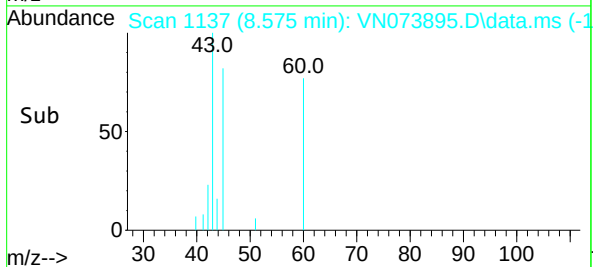
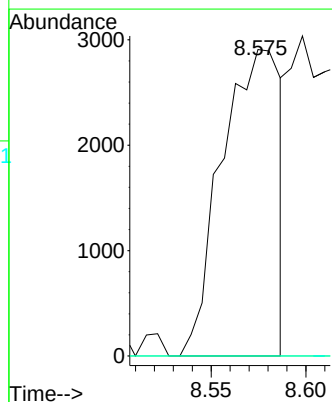
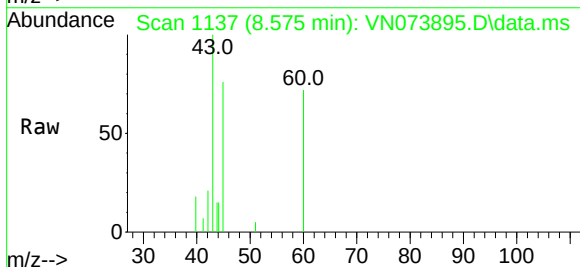
Tgt Ion: 43 Resp: 6306

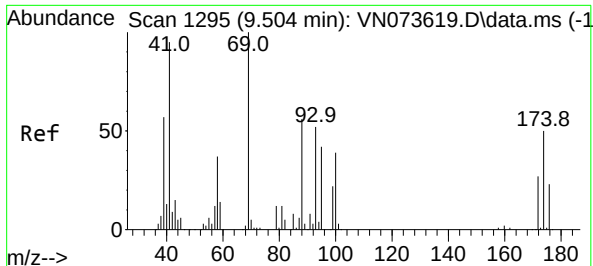
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

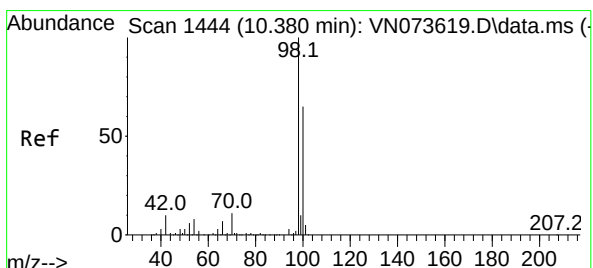
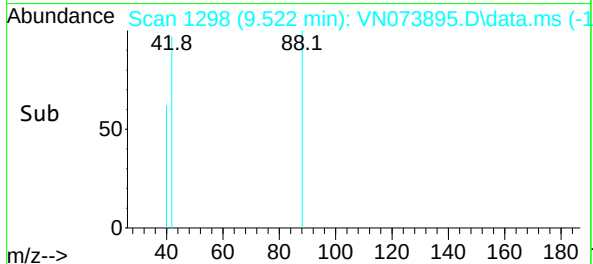
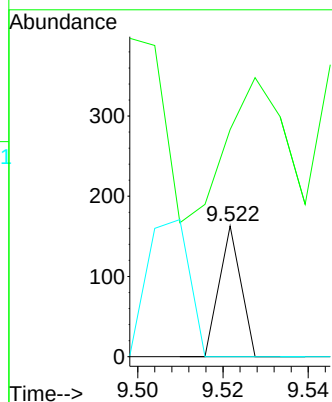
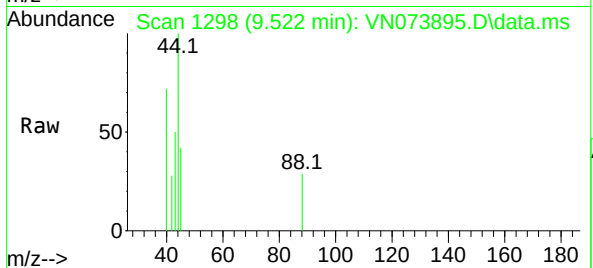




#49
1,4-Dioxane
Concen: 0.340 ug/l
RT: 9.522 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

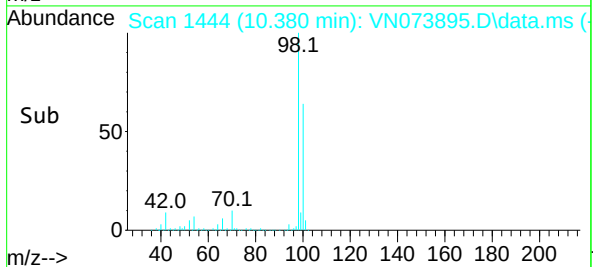
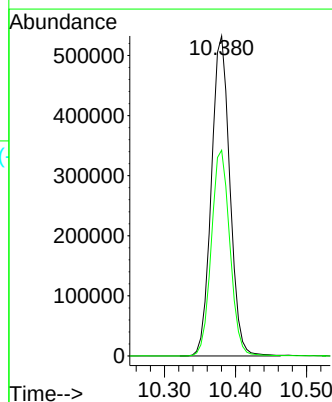
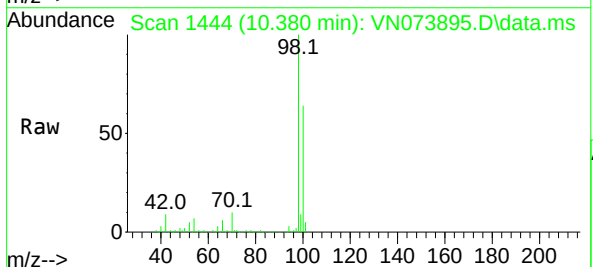
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MSVOA_N
ClientSampleId :
VN0815MBL01

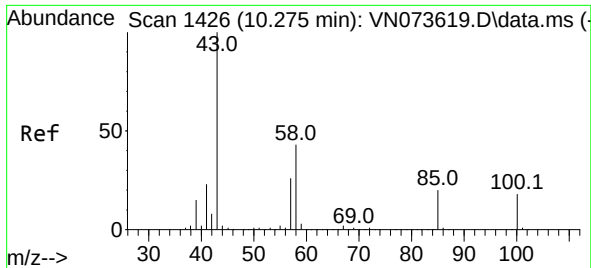
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 552.6 20.2 30.4#
58 205.3 54.2 81.4#



#50
Toluene-d8
Concen: 45.069 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 98 Resp: 960575
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

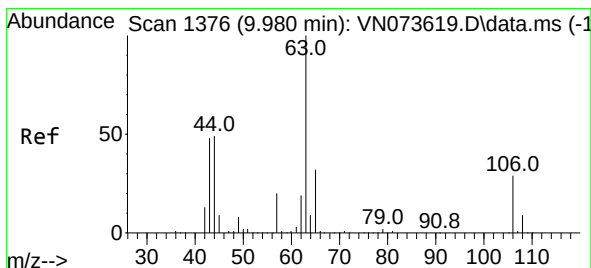
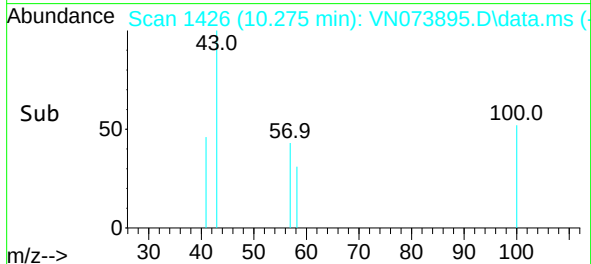
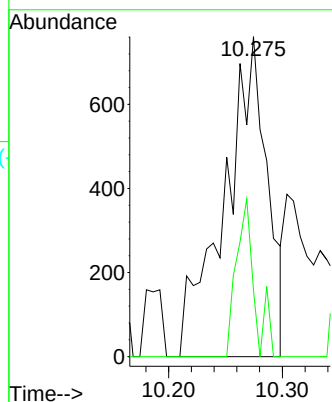
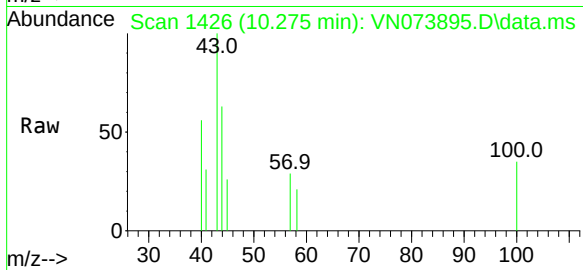




#51
4-Methyl-2-Pentanone
Concen: 0.224 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

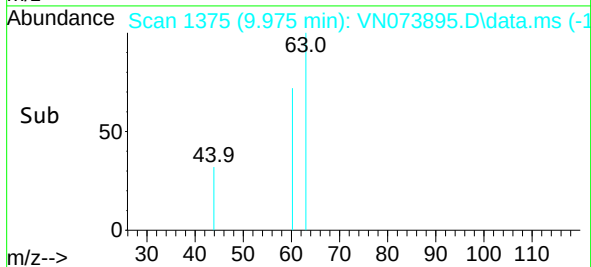
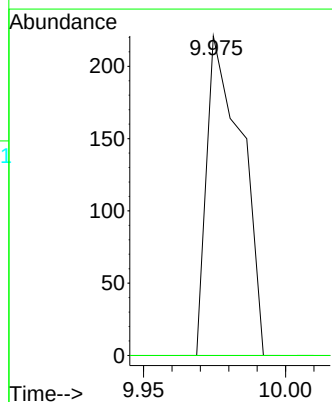
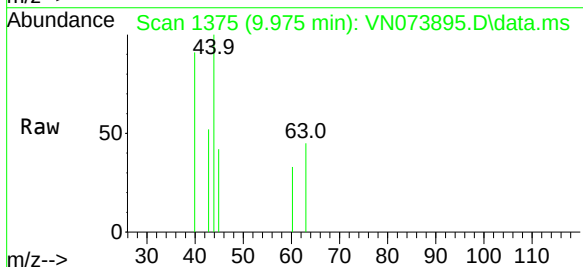
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ClientSampleId : VN0815MBL01

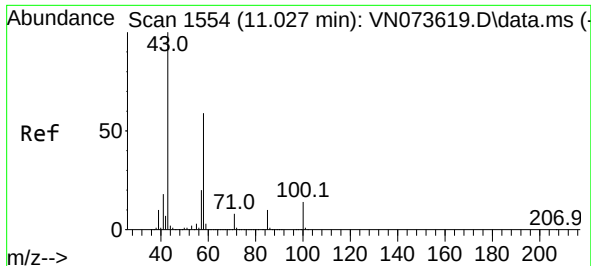
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 20.6 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.975 min Scan# 1375
Delta R.T. -0.005 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 63 Resp: 189
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

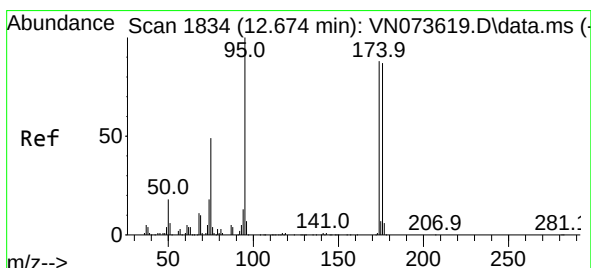
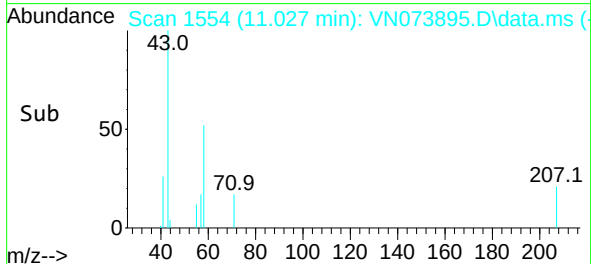
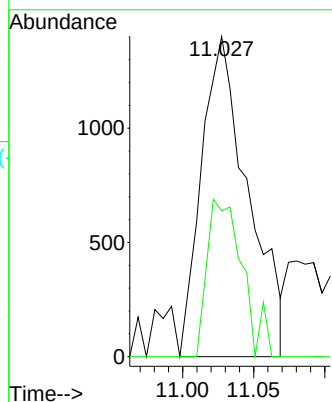
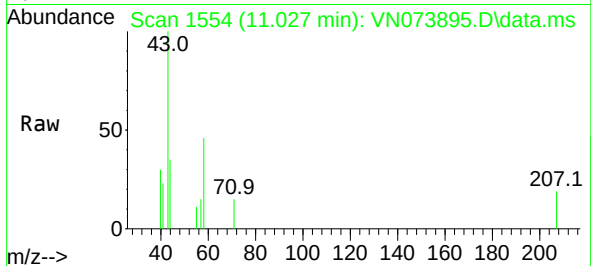




#59
2-Hexanone
Concen: 0.465 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

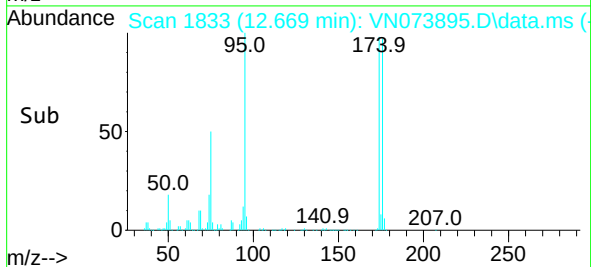
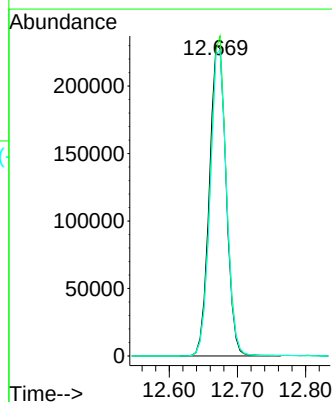
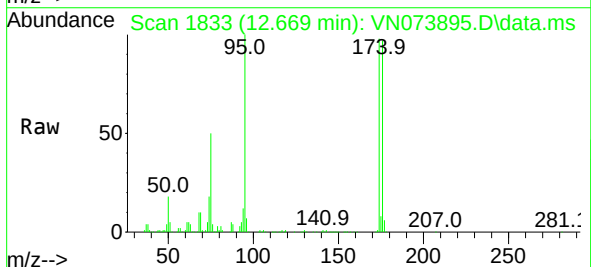
Instrument :
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ClientSampleId :
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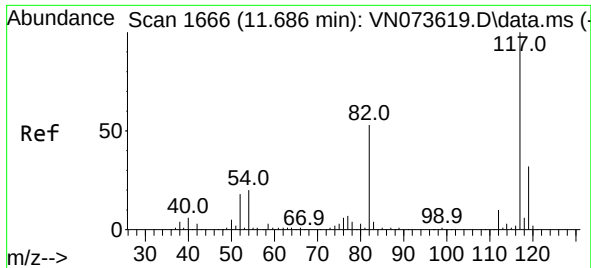
Tgt Ion: 43 Resp: 3194
Ion Ratio Lower Upper
43 100
58 37.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 55.717 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 95 Resp: 394116
Ion Ratio Lower Upper
95 100
174 98.7 0.0 167.6
176 96.0 0.0 163.4

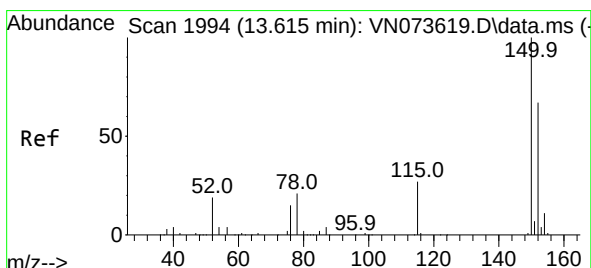
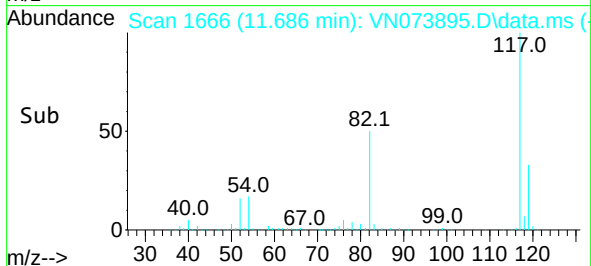
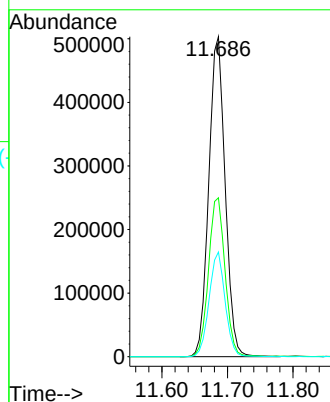
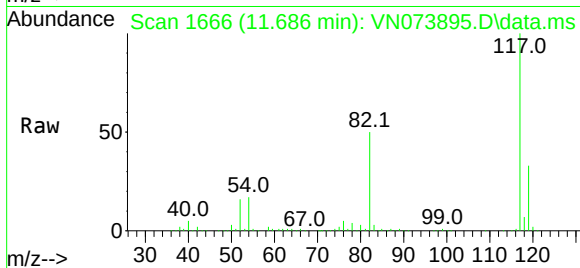




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

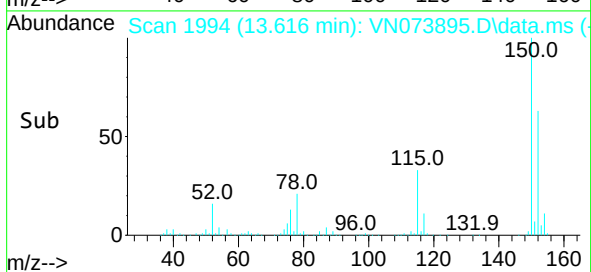
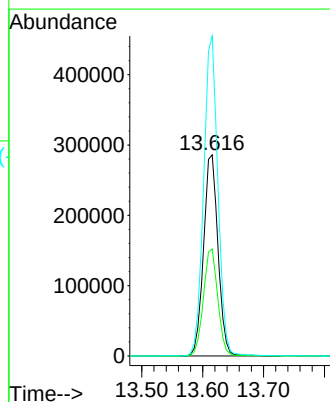
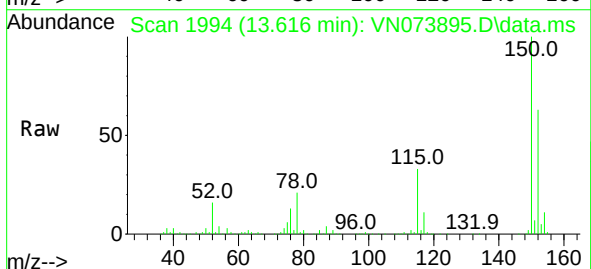
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBL01

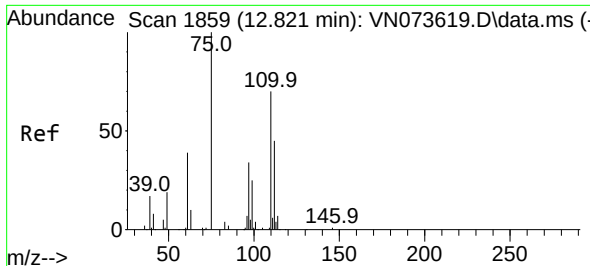
Tgt Ion:117 Resp: 873297
Ion Ratio Lower Upper
117 100
82 49.6 44.2 66.2
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion:152 Resp: 472143
Ion Ratio Lower Upper
152 100
115 53.0 28.9 86.7
150 156.9 0.0 356.2

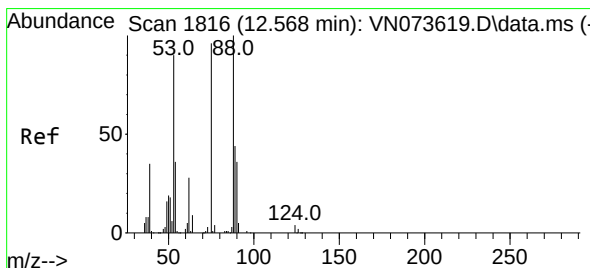
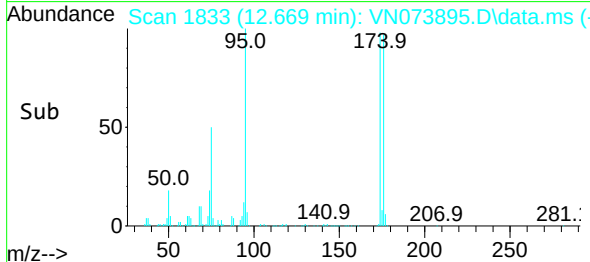
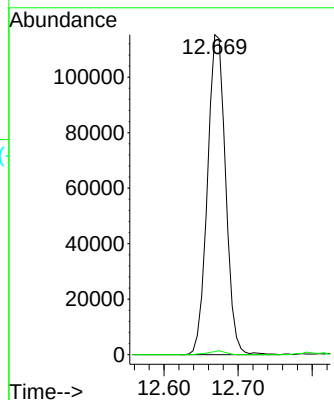
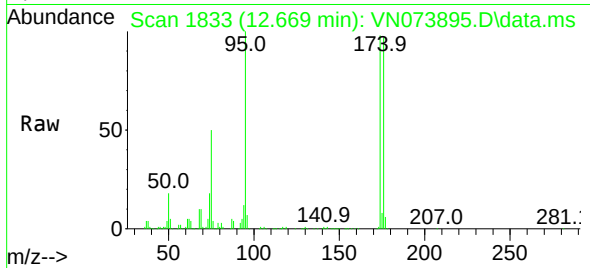




#76
1,2,3-Trichloropropane
Concen: 19.530 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

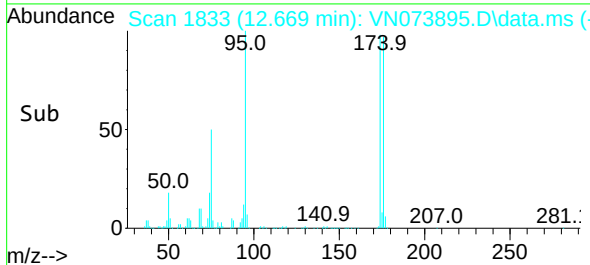
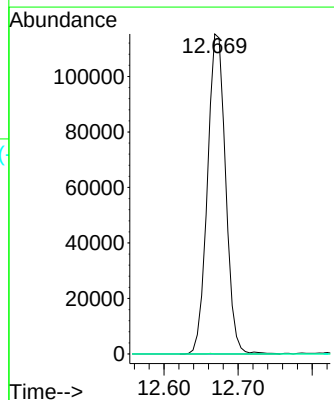
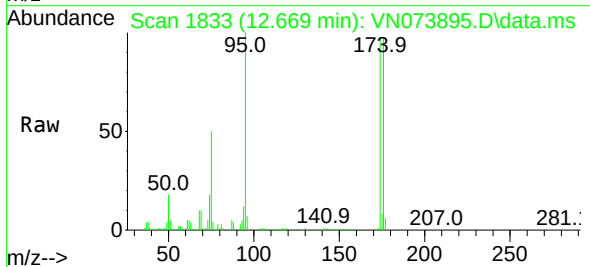
Instrument :
MSVOA_N
ClientSampleId :
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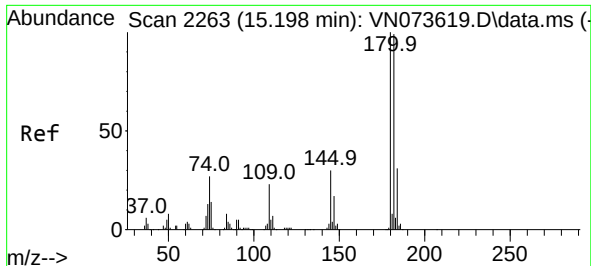
Tgt Ion: 75 Resp: 195946
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.790 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN073895.D
Acq: 15 Aug 2022 15:04

Tgt Ion: 75 Resp: 195946
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

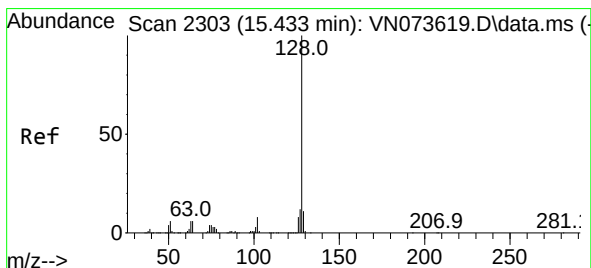
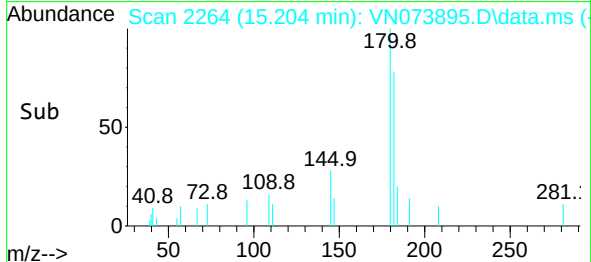
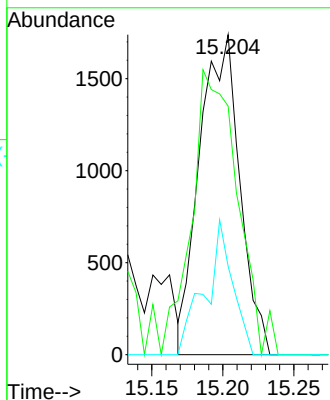
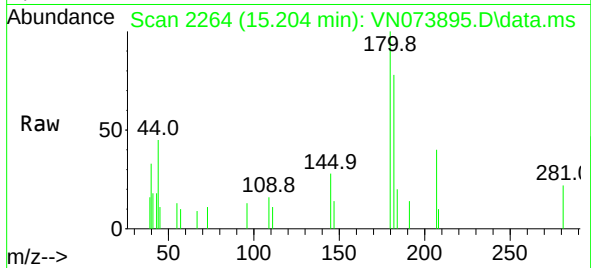




#93
 1,2,4-Trichlorobenzene
 Concen: 0.336 ug/l
 RT: 15.204 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073895.D
 Acq: 15 Aug 2022 15:04

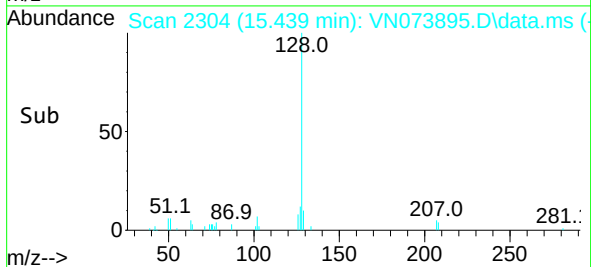
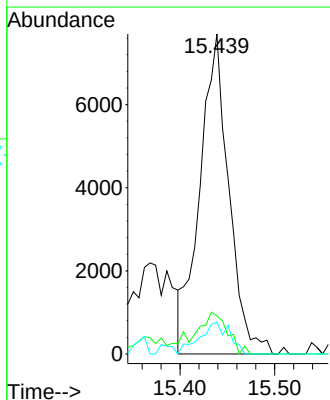
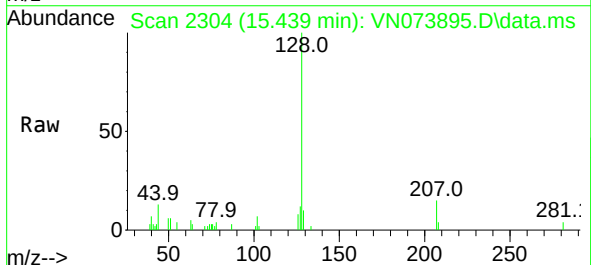
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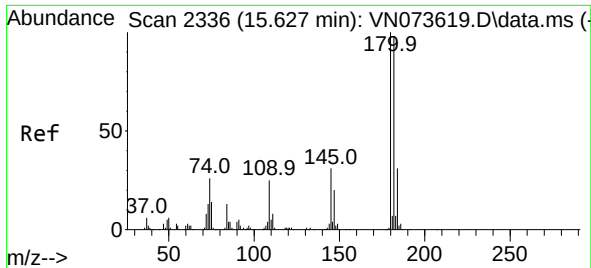
Tgt Ion:180 Resp: 3408
 Ion Ratio Lower Upper
 180 100
 182 101.5 47.5 142.5
 145 28.9 14.5 43.5



#95
 Naphthalene
 Concen: 0.497 ug/l
 RT: 15.439 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN073895.D
 Acq: 15 Aug 2022 15:04

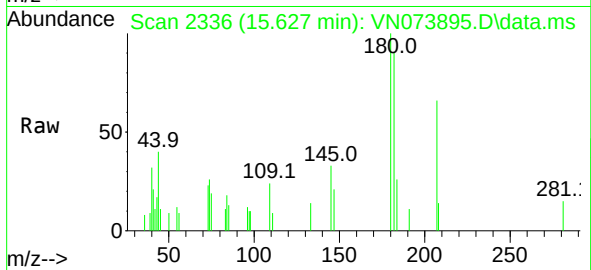
Tgt Ion:128 Resp: 16444
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.3 15.5
 129 10.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.388 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073895.D
 Acq: 15 Aug 2022 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBL01



Tgt Ion:	180	Resp:	4064
Ion	Ratio	Lower	Upper
180	100		
182	100.3	47.8	143.3
145	27.9	15.5	46.5

