

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074205.D
 Acq On : 31 Aug 2022 11:10
 Operator : JC\MD
 Sample : VN0831WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 00:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

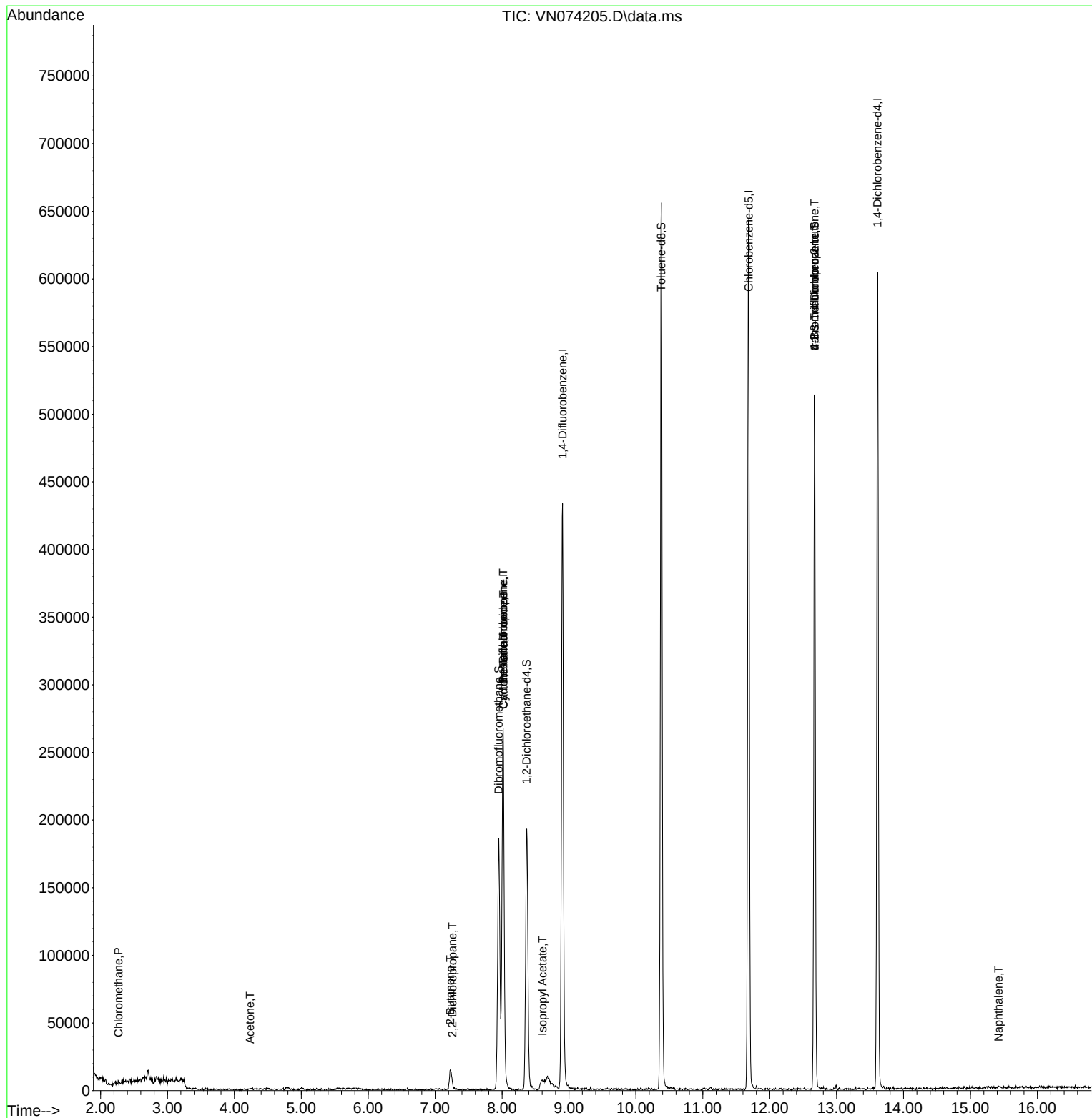
Internal Standards						
1) Pentafluorobenzene	8.016	168	188171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	354710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	333026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	146762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	154698	52.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.000%	
35) Dibromofluoromethane	7.951	113	127119	55.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.140%	
50) Toluene-d8	10.380	98	420507	46.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.520%	
62) 4-Bromofluorobenzene	12.669	95	155020	56.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.160%	
Target Compounds						
						Qvalue
3) Chloromethane	2.269	50	550	0.201	ug/l #	43
6) Chloroethane	2.940	64	318	Below Cal	#	42
11) Tert butyl alcohol	5.298	59	117	Below Cal	#	1
16) Acetone	4.234	43	1001	0.513	ug/l #	42
18) Methyl Acetate	4.787	43	1939	Below Cal	#	85
20) Methylene Chloride	5.004	84	468	Below Cal	#	57
25) 2-Butanone	7.228	43	1048	0.336	ug/l #	45
26) 2,2-Dichloropropane	7.257	77	204	0.331	ug/l #	53
31) Cyclohexane	8.022	56	5364	1.112	ug/l #	26
36) 1,1-Dichloropropene	8.016	75	17462	4.663	ug/l #	48
38) Carbon Tetrachloride	8.022	117	20765	6.105	ug/l #	16
43) Isopropyl Acetate	8.604	43	5208	0.619	ug/l #	53
76) 1,2,3-Trichloropropane	12.669	75	91775	25.178	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	91775	64.908	ug/l #	10
95) Naphthalene	15.421	128	1202	1.257	ug/l #	77

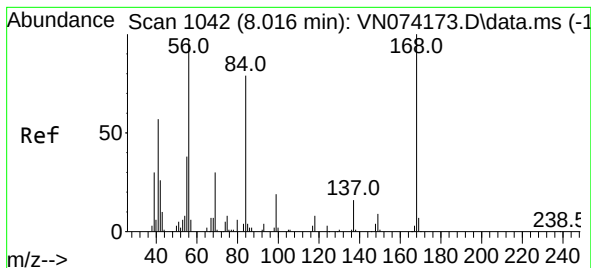
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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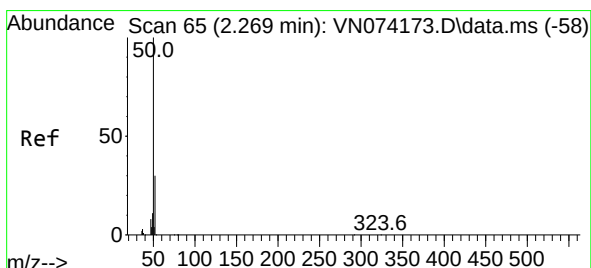
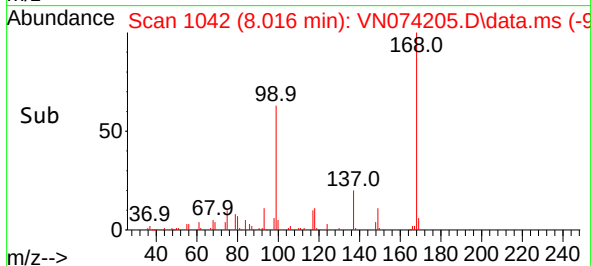
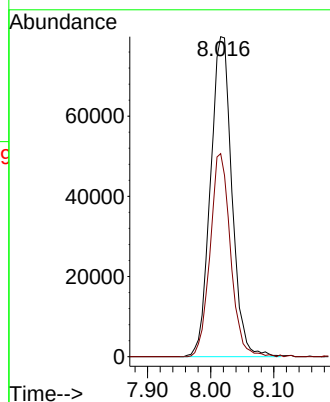
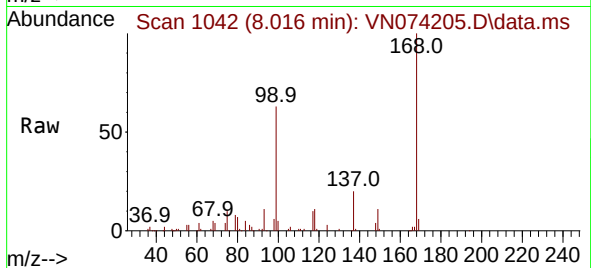




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

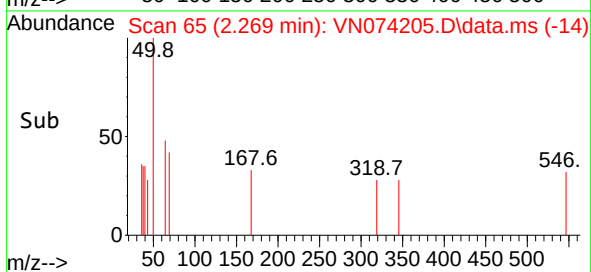
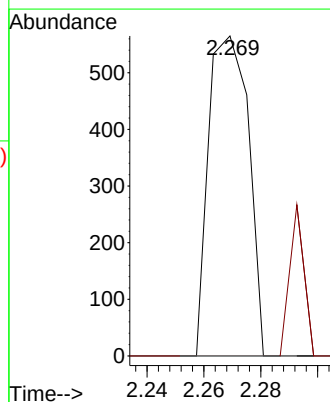
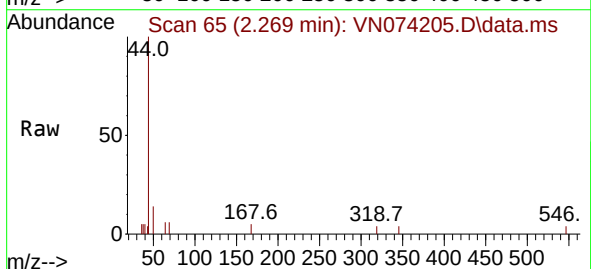
Instrument :
MSVOA_N
ClientSampleId :

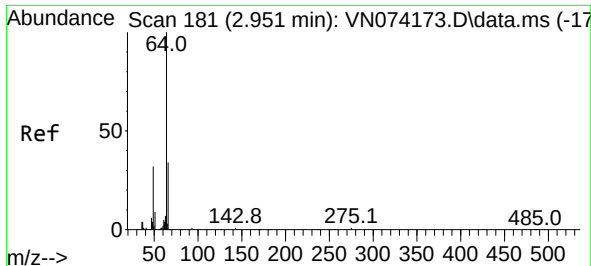
Tgt Ion:168 Resp: 188171
Ion Ratio Lower Upper
168 100
99 63.4 42.3 63.5



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

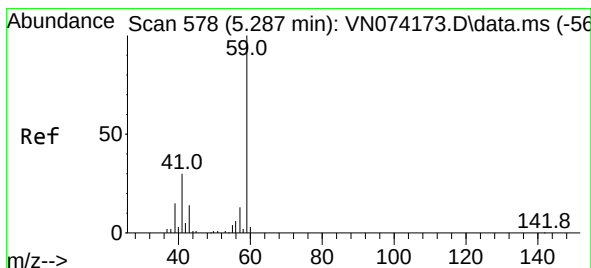
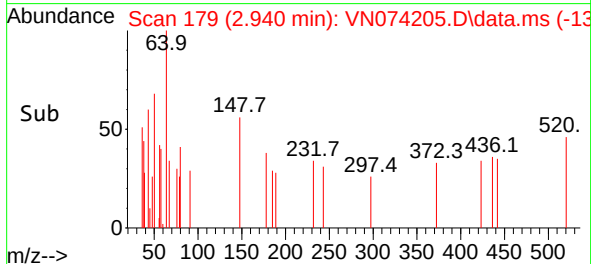
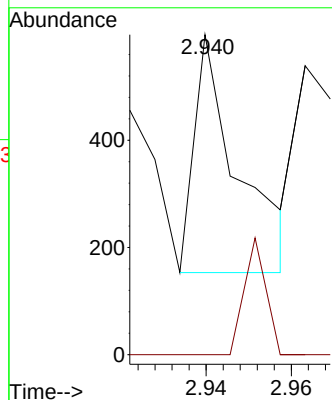
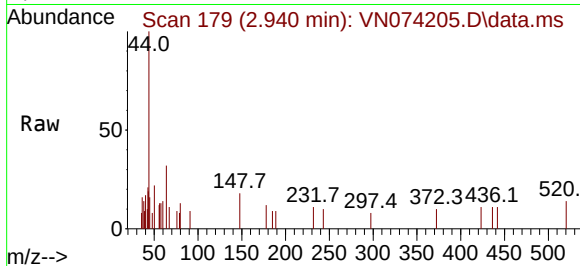




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

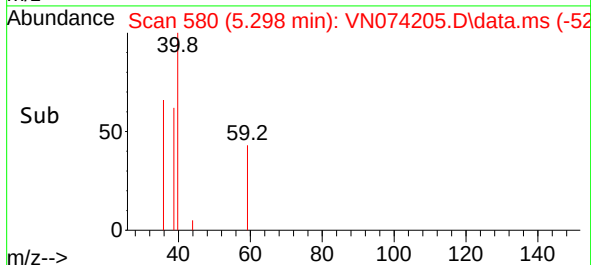
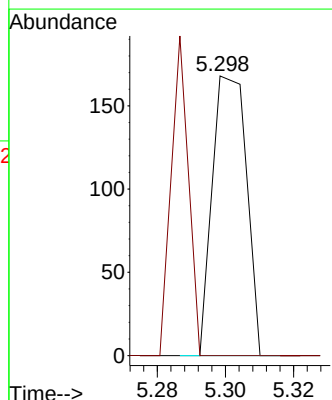
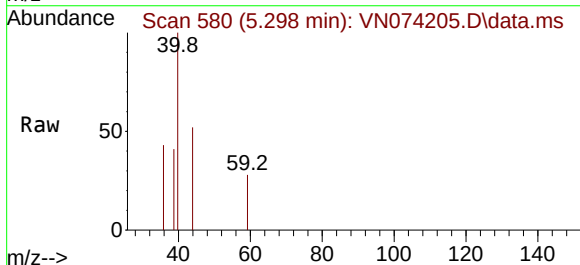
Instrument :
MSVOA_N
ClientSampleId :

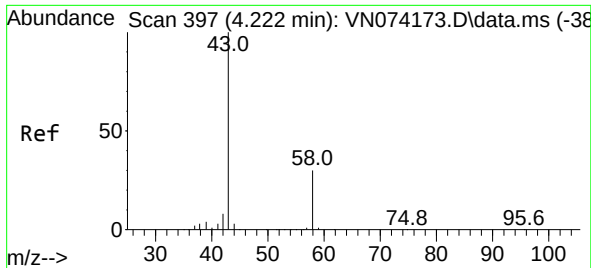
Tgt Ion: 64 Resp: 318
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.298 min Scan# 580
Delta R.T. 0.011 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 58.1 8.3 12.5#

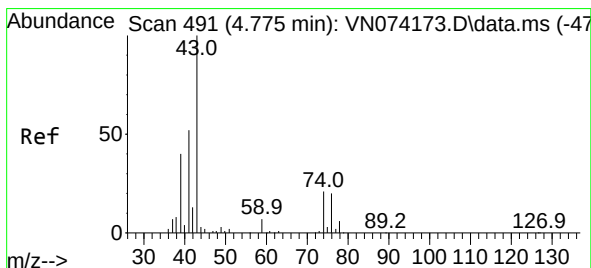
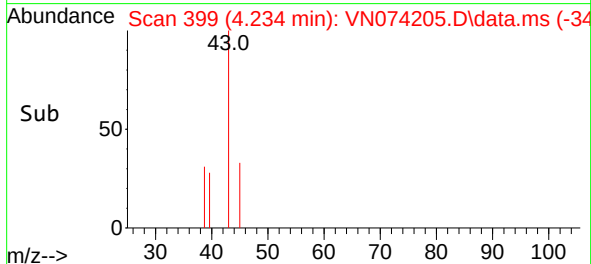
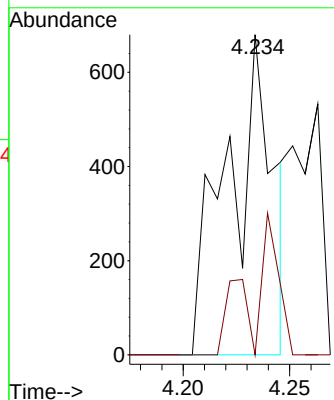
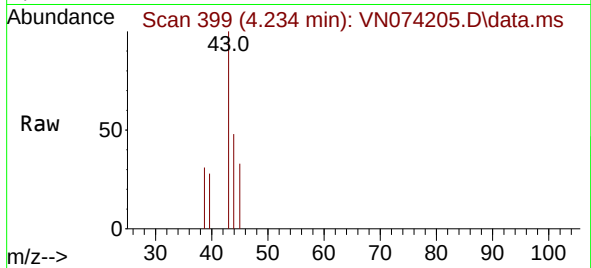




#16
Acetone
Concen: 0.513 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

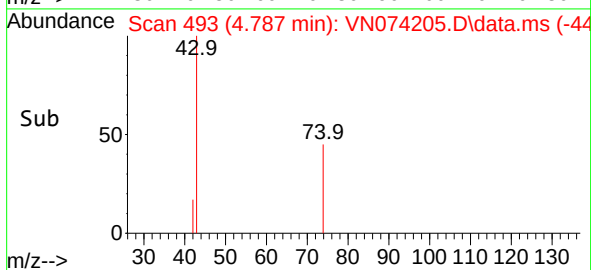
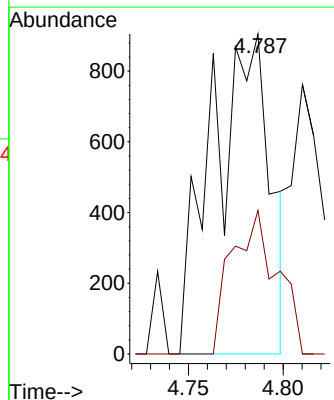
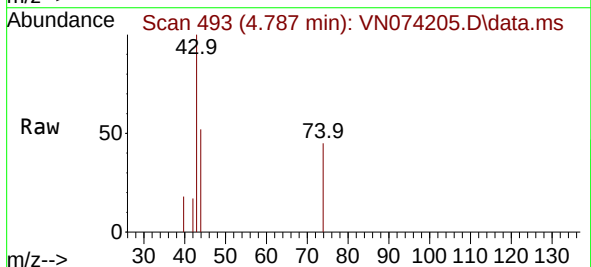
Instrument :
MSVOA_N
ClientSampleId :

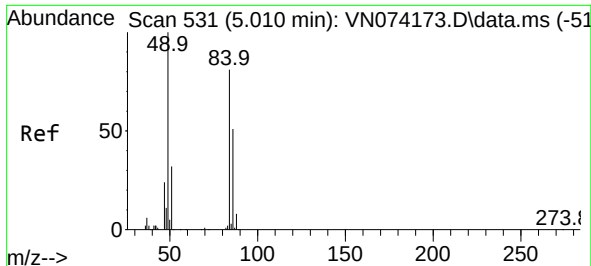
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

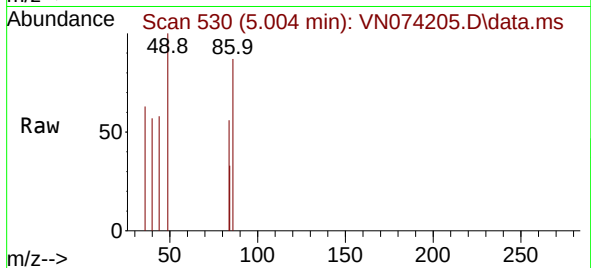
Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
74 34.9 21.6 32.4#



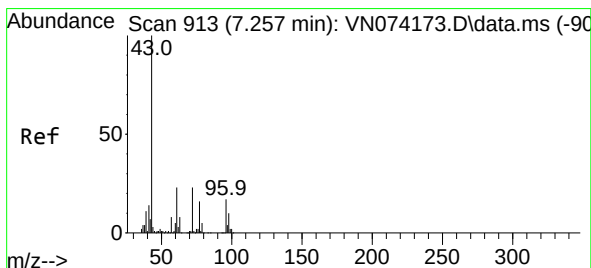
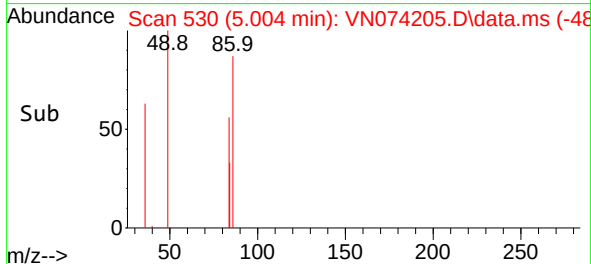
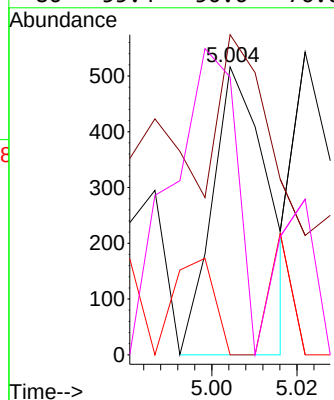


#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

Instrument :
MSVOA_N
ClientSampleId :

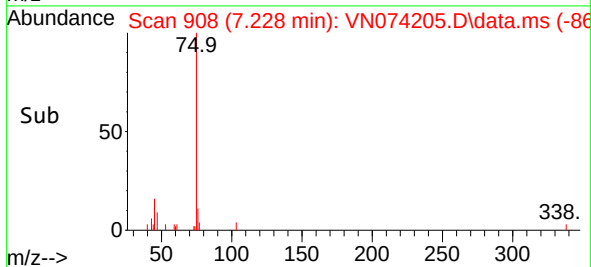
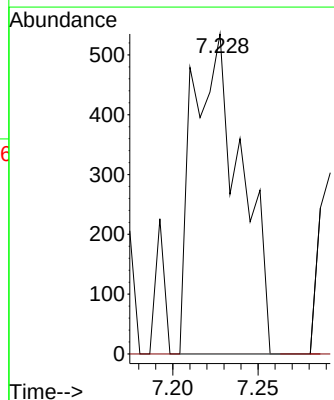
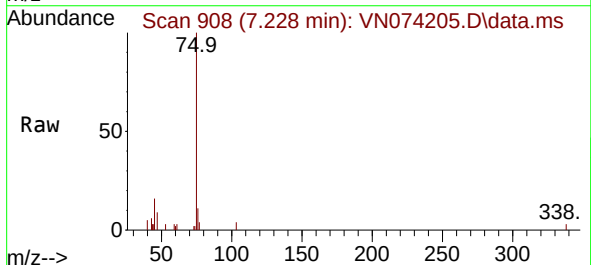


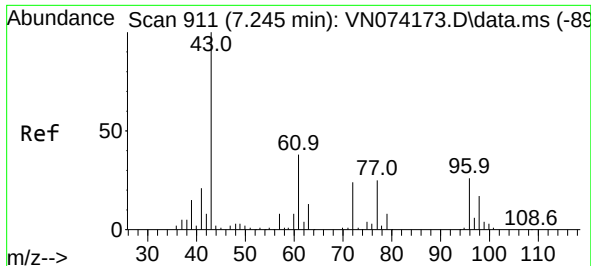
Tgt Ion: 84 Resp: 468
Ion Ratio Lower Upper
84 100
49 50.2 88.3 132.5#
51 0.0 28.2 42.2#
86 55.4 50.6 76.0



#25
2-Butanone
Concen: 0.336 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.029 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.331 ug/l

RT: 7.257 min Scan# 911

Delta R.T. 0.012 min

Lab File: VN074205.D

Acq: 31 Aug 2022 11:10

Instrument :

MSVOA_N

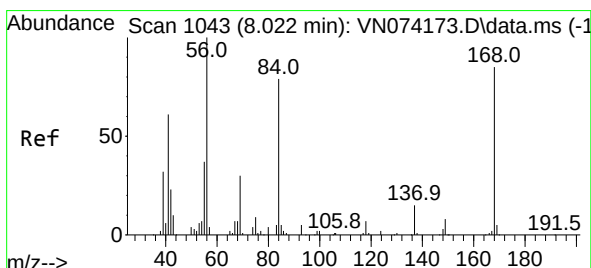
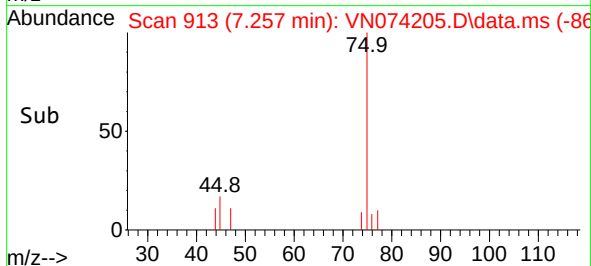
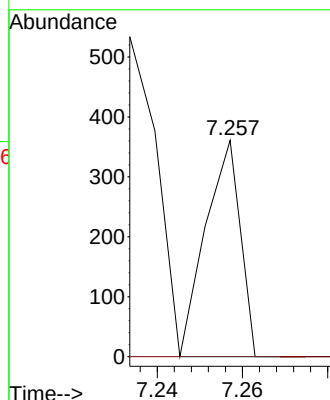
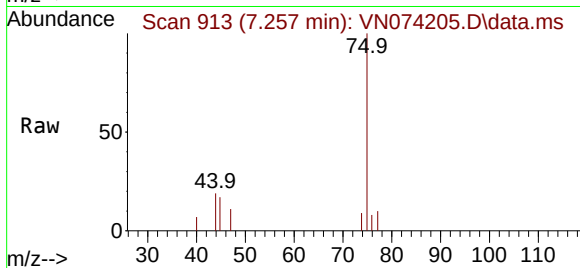
ClientSampleId :

Tgt Ion: 77 Resp: 204

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.112 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074205.D

Acq: 31 Aug 2022 11:10

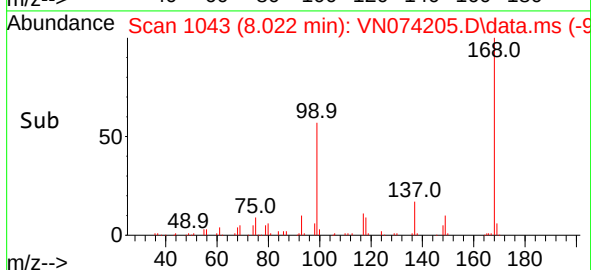
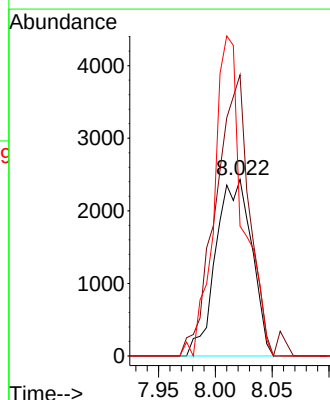
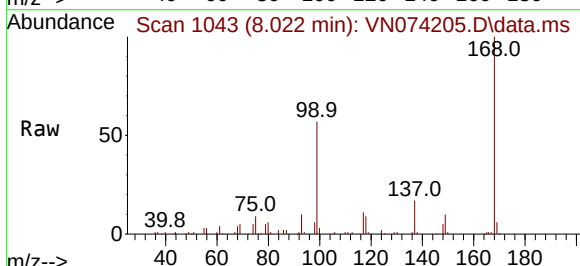
Tgt Ion: 56 Resp: 5364

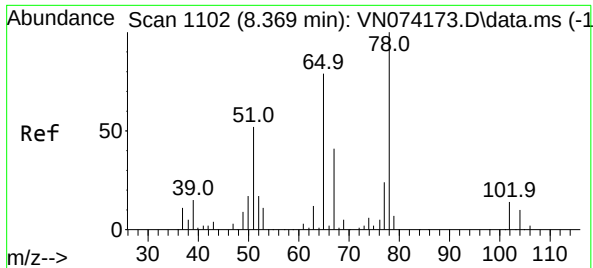
Ion Ratio Lower Upper

56 100

69 159.3 27.8 41.8#

84 73.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.997 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074205.D

Acq: 31 Aug 2022 11:10

Instrument :

MSVOA_N

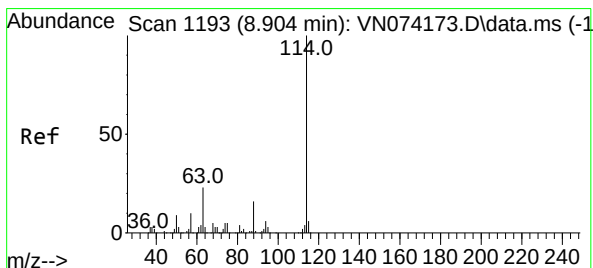
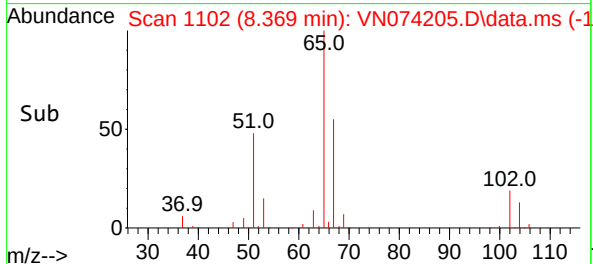
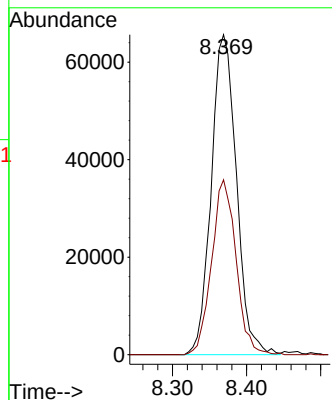
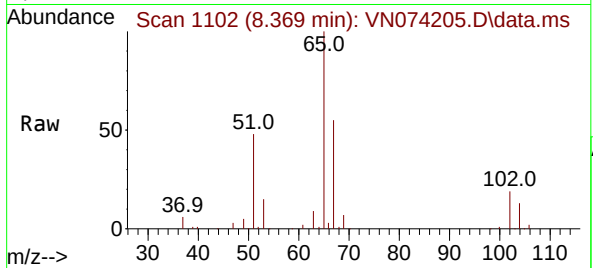
ClientSampleId :

Tgt Ion: 65 Resp: 154698

Ion Ratio Lower Upper

65 100

67 53.1 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: VN074205.D

Acq: 31 Aug 2022 11:10

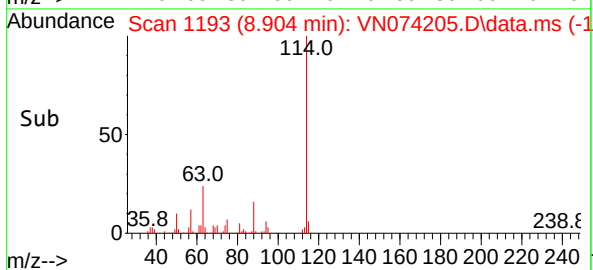
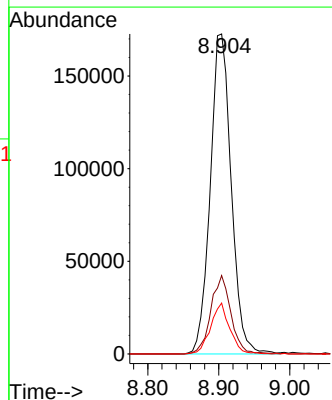
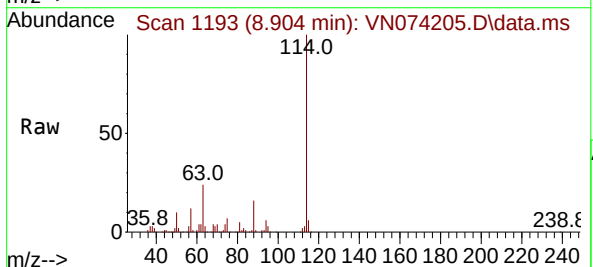
Tgt Ion: 114 Resp: 354710

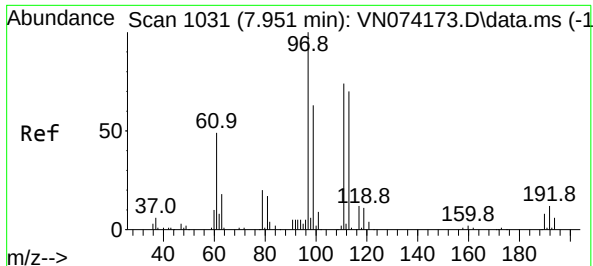
Ion Ratio Lower Upper

114 100

63 24.5 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.074 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074205.D

Acq: 31 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

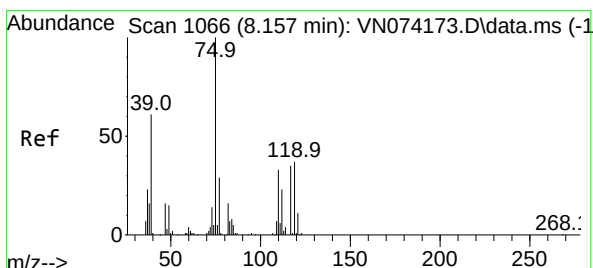
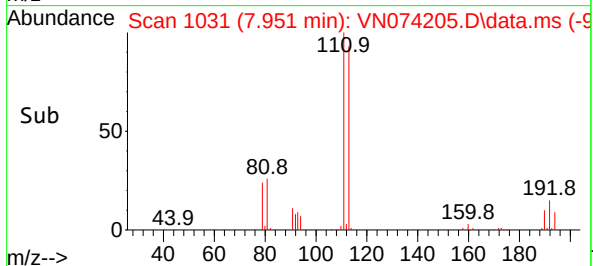
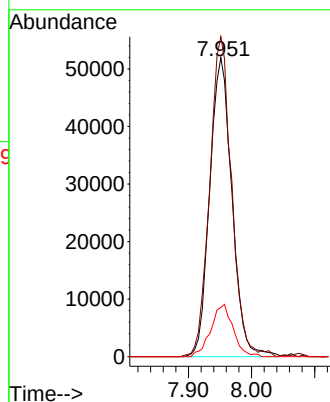
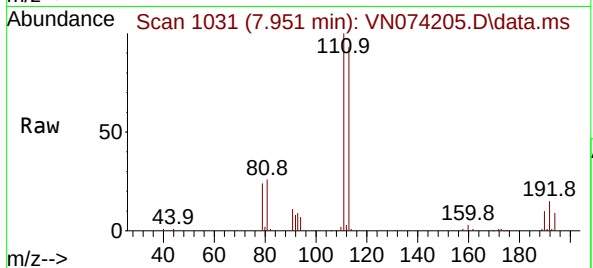
Tgt Ion:113 Resp: 127119

Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 17.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.663 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

Lab File: VN074205.D

Acq: 31 Aug 2022 11:10

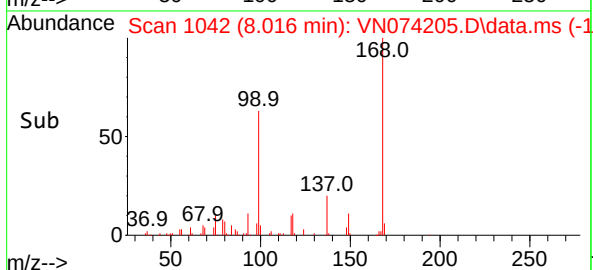
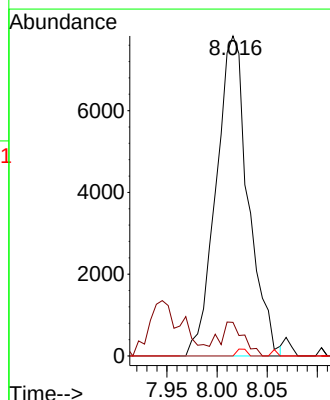
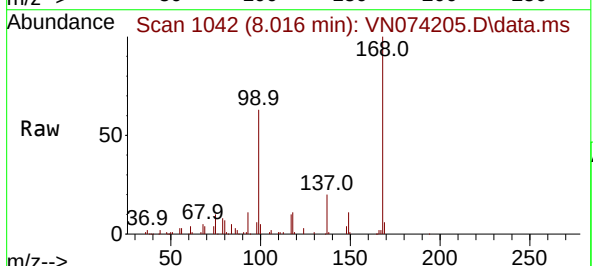
Tgt Ion: 75 Resp: 17462

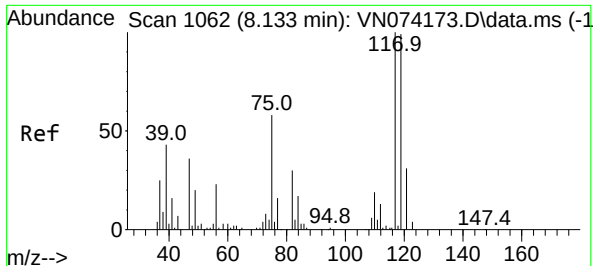
Ion Ratio Lower Upper

75 100

110 7.7 18.3 54.8#

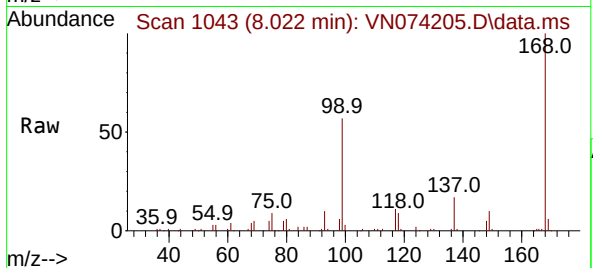
77 0.7 25.1 37.7#



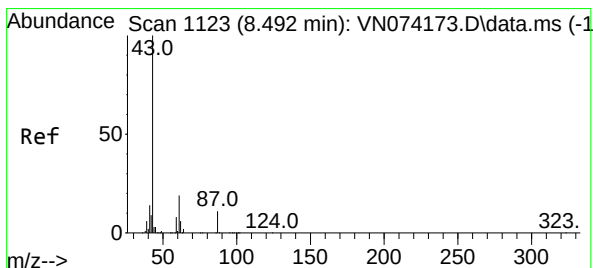
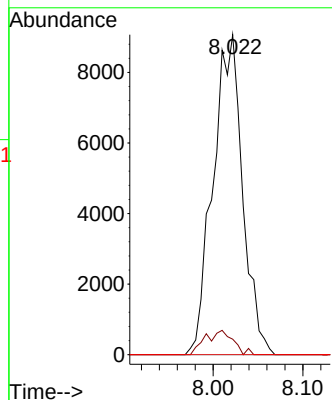
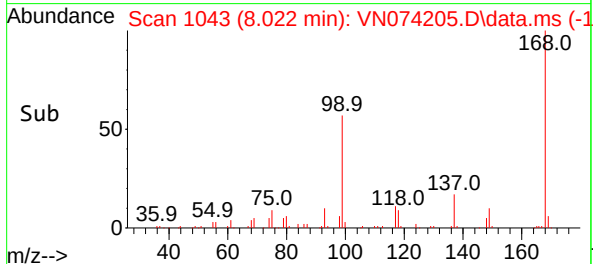


#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 8.022 min Scan# 1142
Delta R.T. -0.111 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

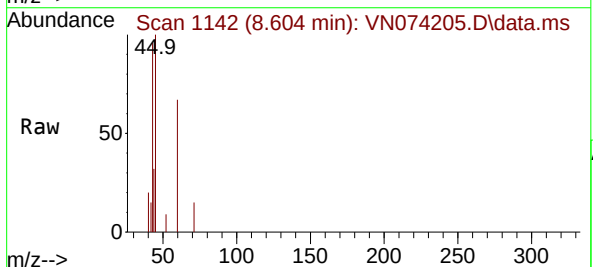
Instrument :
MSVOA_N
ClientSampleId :



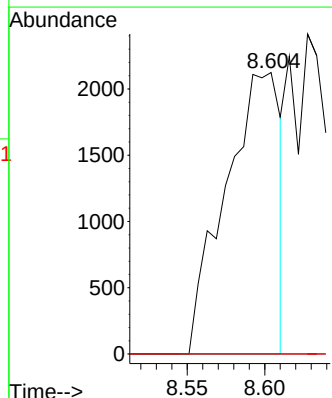
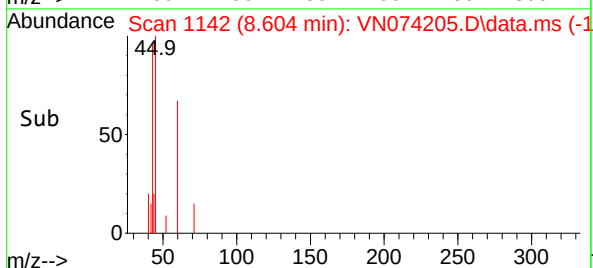
Tgt Ion:117 Resp: 20765
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#

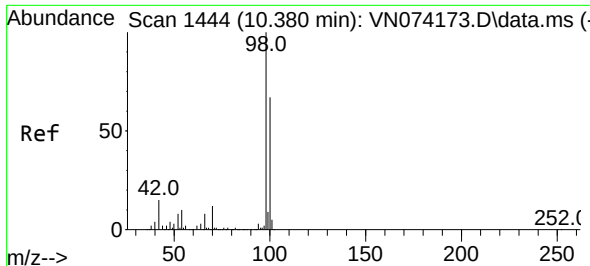


#43
Isopropyl Acetate
Concen: 0.619 ug/l
RT: 8.604 min Scan# 1142
Delta R.T. 0.112 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10



Tgt Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

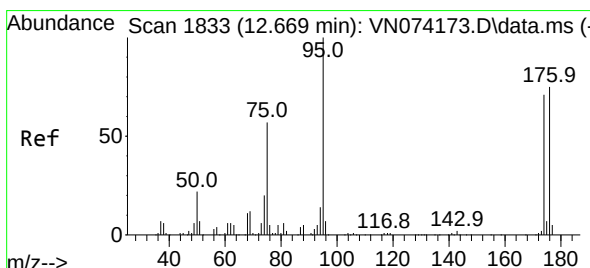
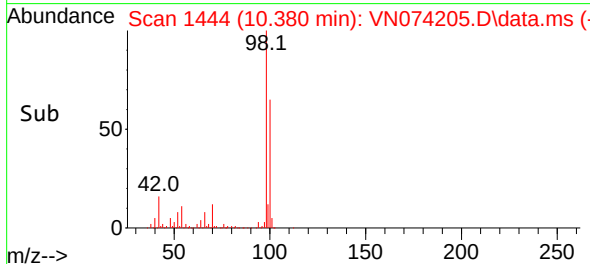
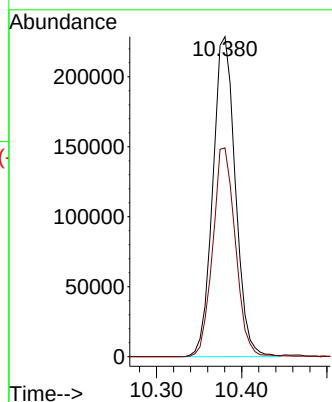
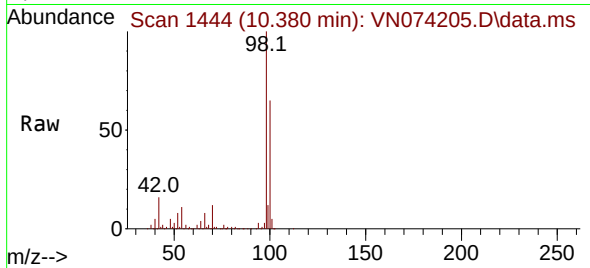




#50
Toluene-d8
Concen: 46.261 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

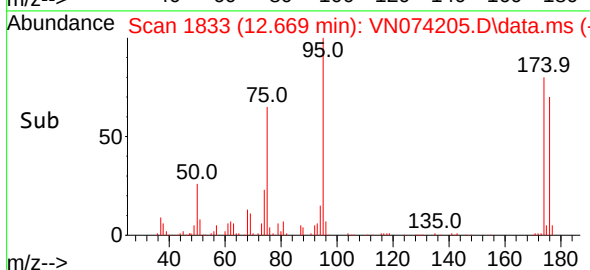
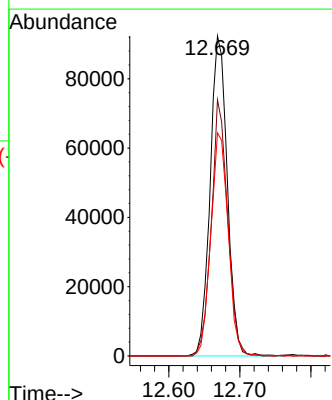
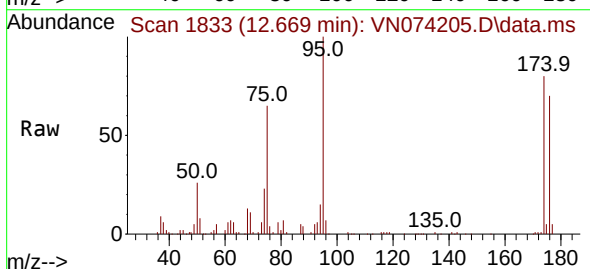
Instrument :
MSVOA_N
ClientSampleId :

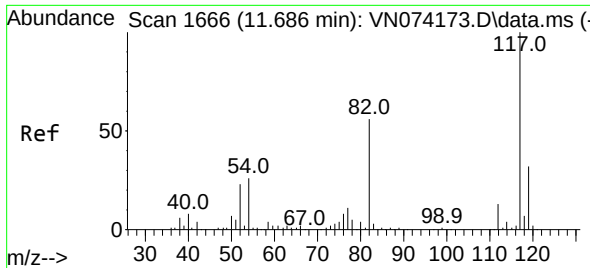
Tgt Ion: 98 Resp: 420507
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.080 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

Tgt Ion: 95 Resp: 155020
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 70.5 0.0 163.4

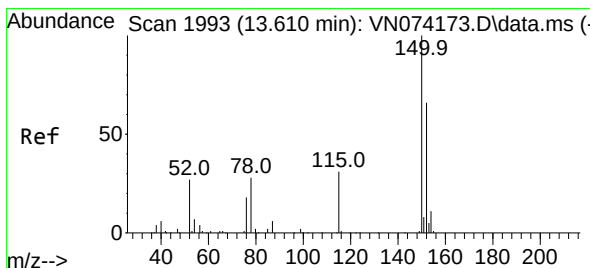
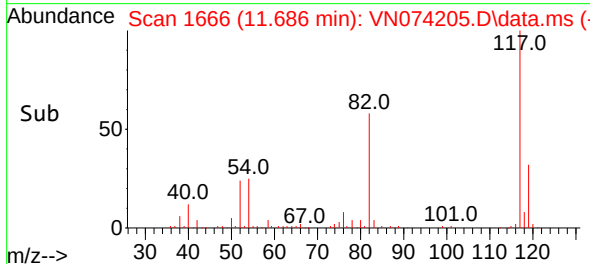
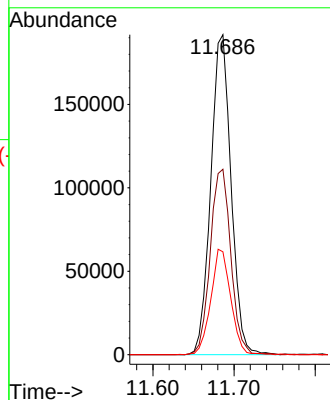
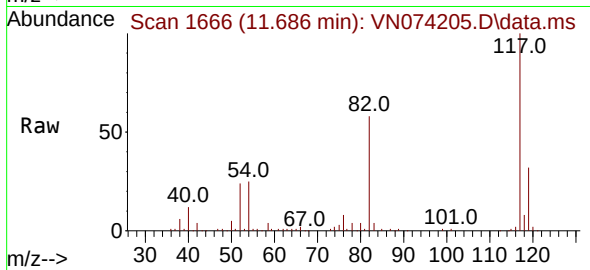




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

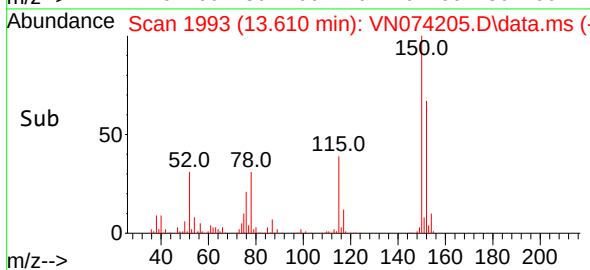
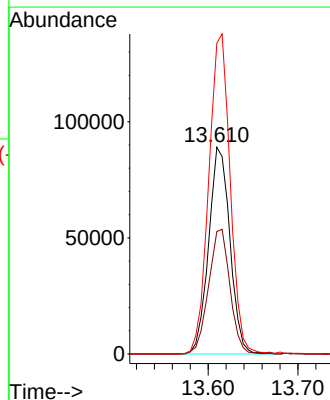
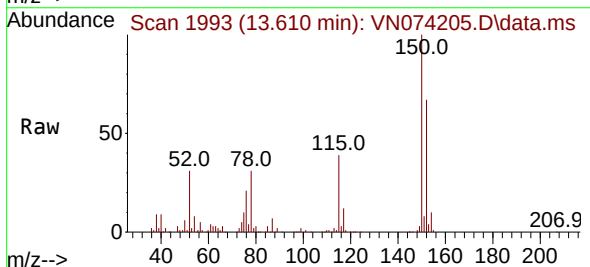
Instrument :
MSVOA_N
ClientSampleId :

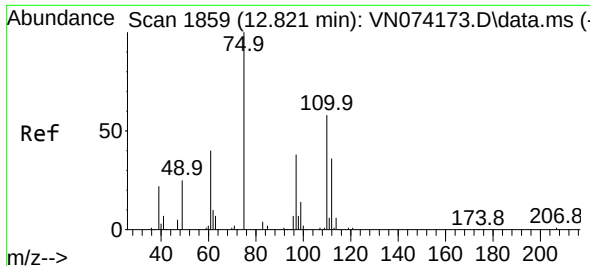
Tgt Ion:117 Resp: 333026
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

Tgt Ion:152 Resp: 146762
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 155.5 0.0 356.2

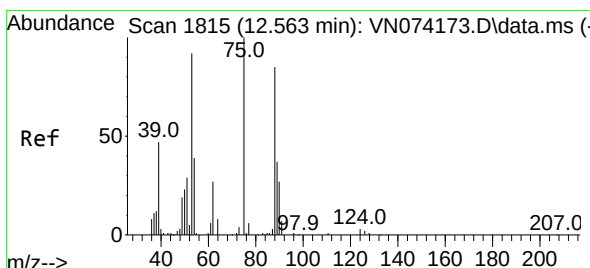
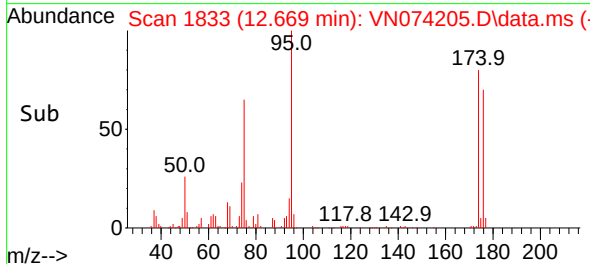
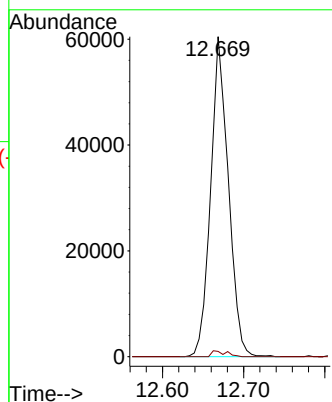
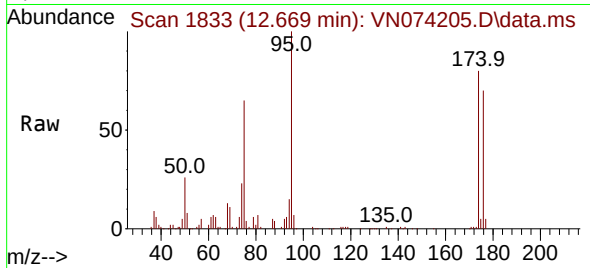




#76
1,2,3-Trichloropropane
Concen: 25.178 ug/l
RT: 12.669 min Scan# 1859
Delta R.T. -0.152 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

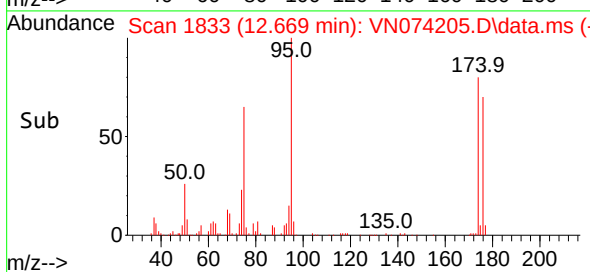
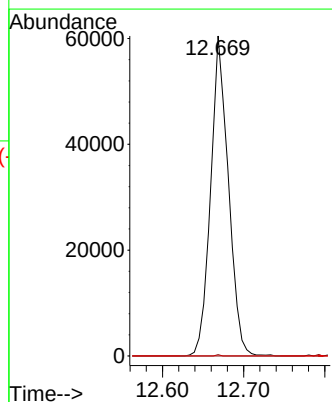
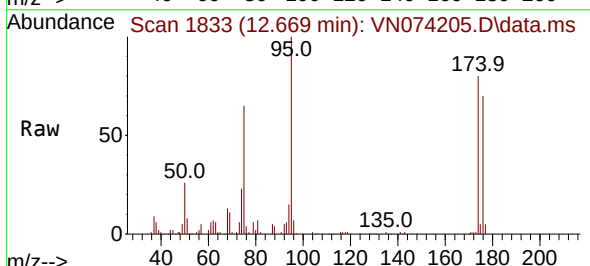
Instrument :
MSVOA_N
ClientSampleId :

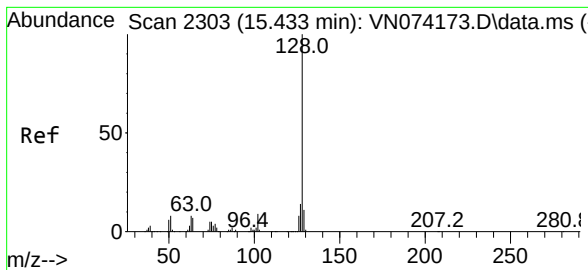
Tgt Ion: 75 Resp: 91775
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.908 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074205.D
Acq: 31 Aug 2022 11:10

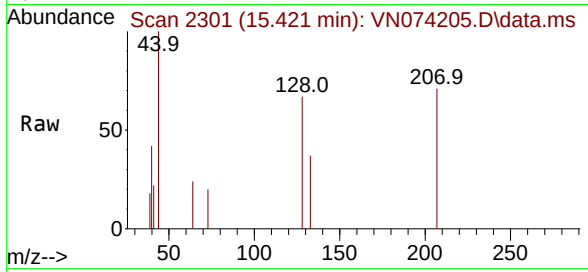
Tgt Ion: 75 Resp: 91775
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 1.257 ug/l
 RT: 15.421 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN074205.D
 Acq: 31 Aug 2022 11:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	1202
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	6.4	8.6	13.0#

