

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074830.D
 Acq On : 10 Oct 2022 14:24
 Operator : JC\MD
 Sample : N4968-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	402437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	686206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	727873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	360265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	448609	47.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.100%
35) Dibromofluoromethane	8.177	113	354328	51.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	10.571	98	1521311	51.138	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.853	95	427637	47.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%

Target Compounds				Qvalue		
3) Chloromethane	2.401	50	2621	0.214	ug/l #	41
5) Bromomethane	2.954	94	4367	0.408	ug/l #	20
6) Chloroethane	3.224	64	58577	5.210	ug/l #	50
11) Tert butyl alcohol	5.518	59	18929	5.927	ug/l #	74
13) Acrolein	4.189	56	159	Below Cal	#	1
16) Acetone	4.448	43	255236	47.233	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	16186	0.533	ug/l	92
20) Methylene Chloride	5.312	84	3861	Below Cal	#	74
22) Diisopropyl ether	6.694	45	12497	0.367	ug/l #	68
25) 2-Butanone	7.512	43	15598	1.590	ug/l	96
31) Cyclohexane	8.236	56	11702	0.710	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	36992	3.296	ug/l #	47
37) Ethyl Acetate	7.512	43	15598	0.347	ug/l #	88
38) Carbon Tetrachloride	8.236	117	45541	4.303	ug/l #	16
40) Benzene	8.618	78	257019	7.075	ug/l	93
49) 1,4-Dioxane	9.712	88	200	0.808	ug/l #	74
52) Toluene	10.635	92	1247965	57.183	ug/l	98
53) t-1,3-Dichloropropene	10.635	75	15752	1.121	ug/l #	1
59) 2-Hexanone	11.200	43	6769	0.500	ug/l	84
67) Ethyl Benzene	11.965	91	243127	5.850	ug/l	96
68) m/p-Xylenes	12.076	106	649996	41.660	ug/l	97
69) o-Xylene	12.400	106	393202	24.564	ug/l	96
70) Styrene	12.400	104	23267	0.922	ug/l #	1
73) Isopropylbenzene	12.694	105	15680	0.452	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	1083	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.847	75	251788	23.416	ug/l #	1
77) Bromobenzene	12.988	156	831	Below Cal		50
78) n-propylbenzene	13.047	91	14413	0.361	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	119779	4.332	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	251788	45.622	ug/l #	14
83) tert-Butylbenzene	13.488	119	58746	2.459	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.482	105	477420	17.077	ug/l	97
85) sec-Butylbenzene	13.482	105	477420	13.750	ug/l #	58
86) p-Isopropyltoluene	13.682	119	10112	0.377	ug/l	94
89) n-Butylbenzene	14.065	91	6311	0.267	ug/l #	63
90) Hexachloroethane	14.335	117	6834	1.141	ug/l #	20

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

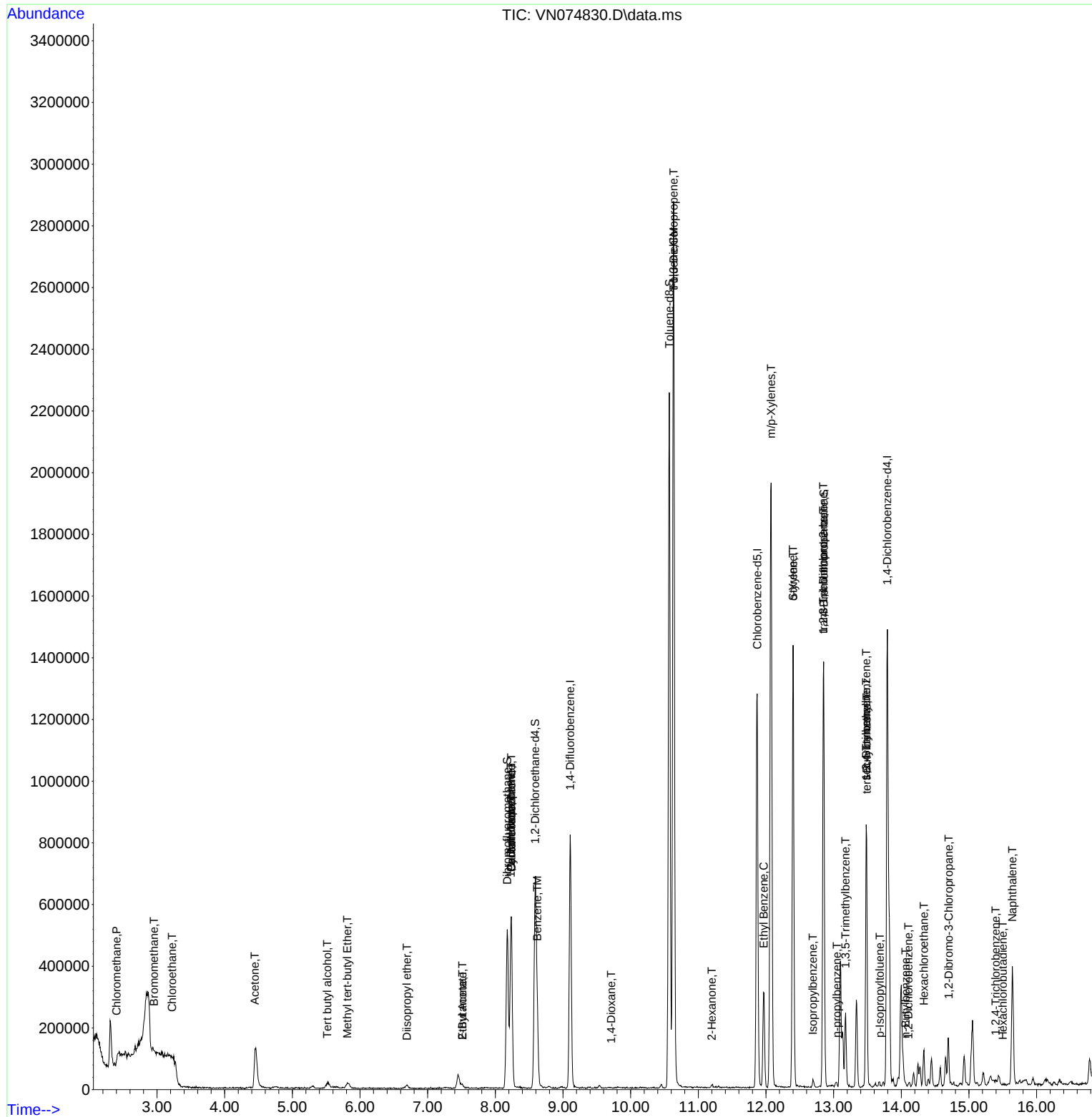
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.106	146	2991	0.226	ug/l #	77
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1779	0.619	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.394	180	3637	0.628	ug/l #	86
94) Hexachlorobutadiene	15.500	225	864	0.319	ug/l #	52
95) Naphthalene	15.641	128	347459	13.876	ug/l	98

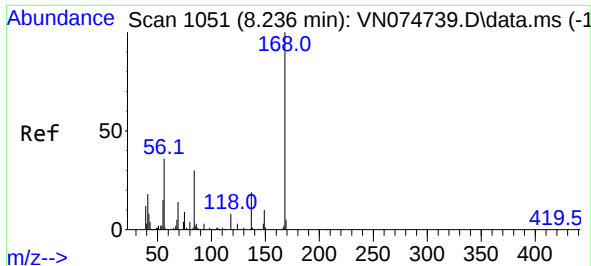
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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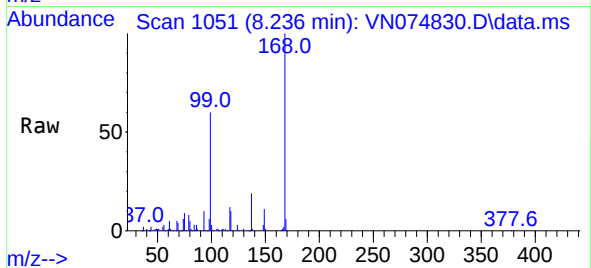
Quant Time: Oct 11 06:24:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration



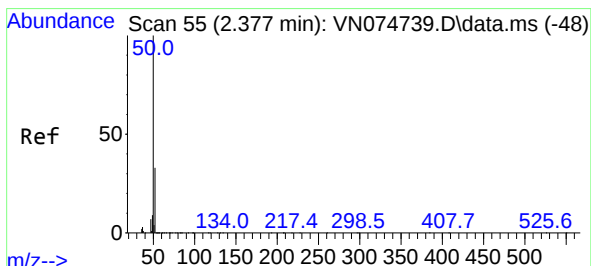
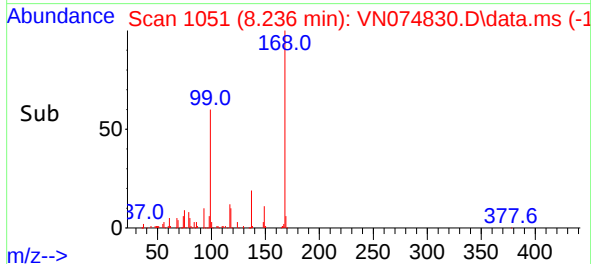
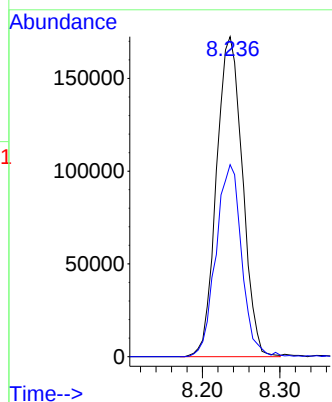


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :

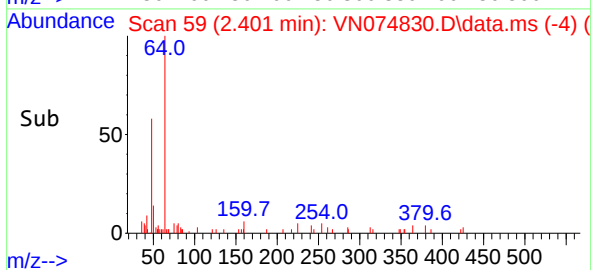
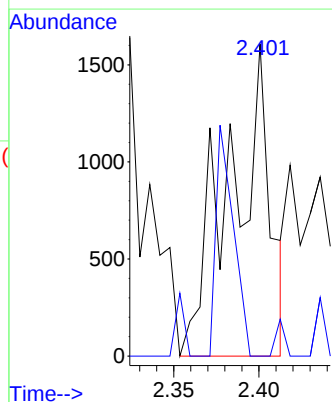
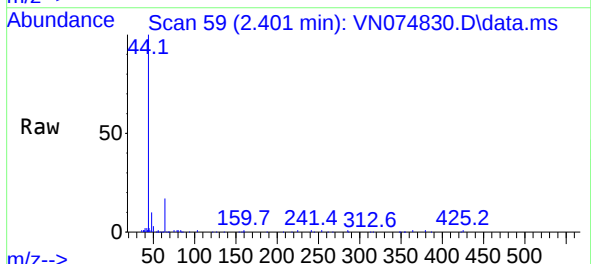


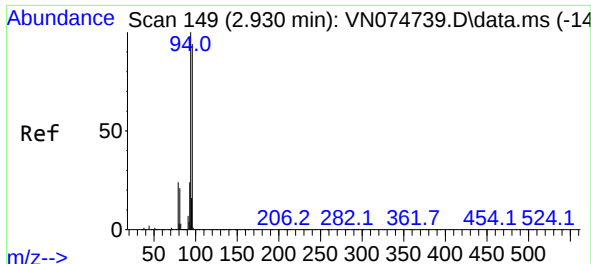
Tgt Ion:168 Resp: 402437
Ion Ratio Lower Upper
168 100
99 60.0 42.8 64.2



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.401 min Scan# 59
Delta R.T. 0.023 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 50 Resp: 2621
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

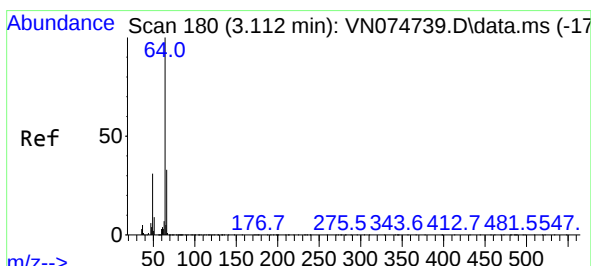
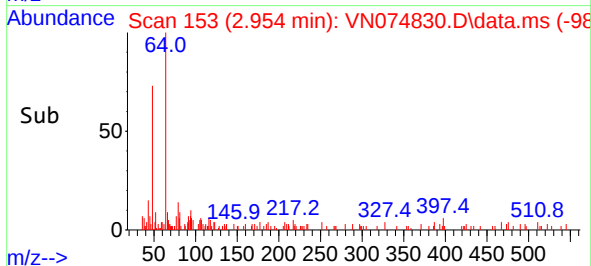
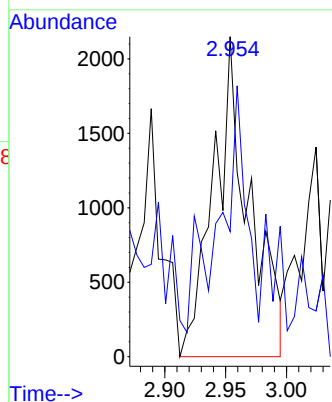
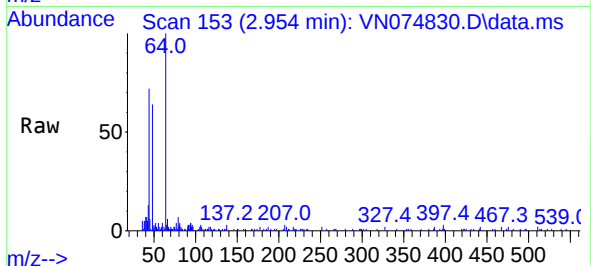




#5
Bromomethane
Concen: 0.408 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

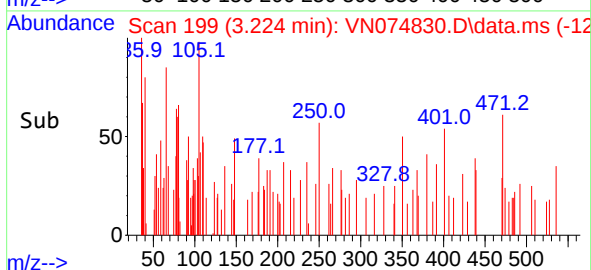
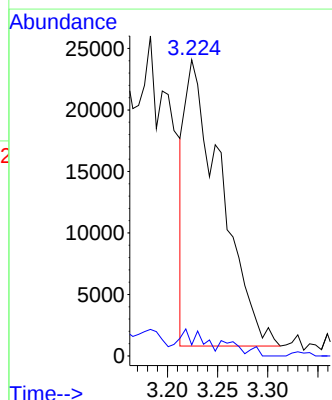
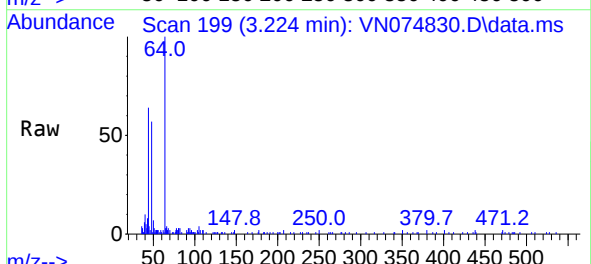
Instrument :
MSVOA_N
ClientSampleId :

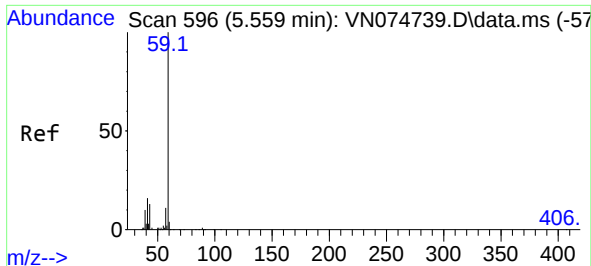
Tgt Ion: 94 Resp: 4367
Ion Ratio Lower Upper
94 100
96 16.3 75.0 112.6#



#6
Chloroethane
Concen: 5.210 ug/l
RT: 3.224 min Scan# 199
Delta R.T. 0.112 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 64 Resp: 58577
Ion Ratio Lower Upper
64 100
66 3.8 25.1 37.7#





#11

Tert butyl alcohol

Concen: 5.927 ug/l

RT: 5.518 min Scan# 51

Delta R.T. -0.041 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

Instrument :

MSVOA_N

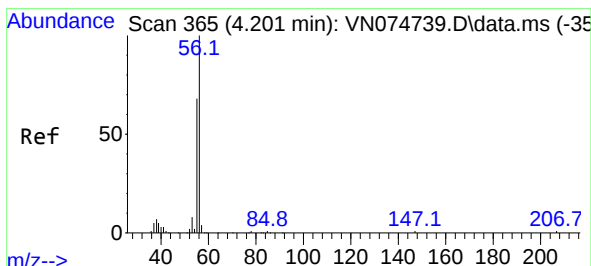
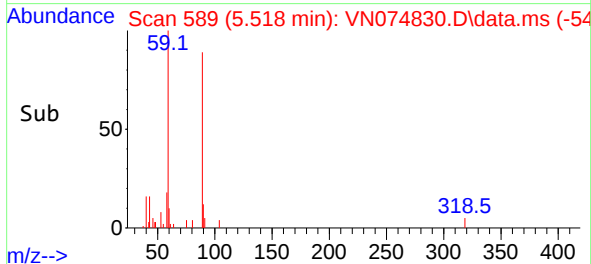
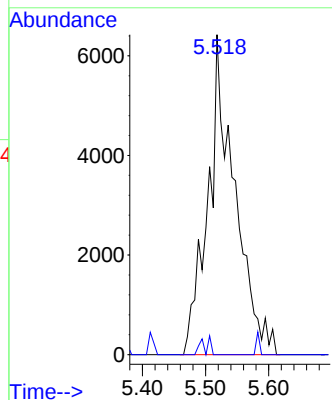
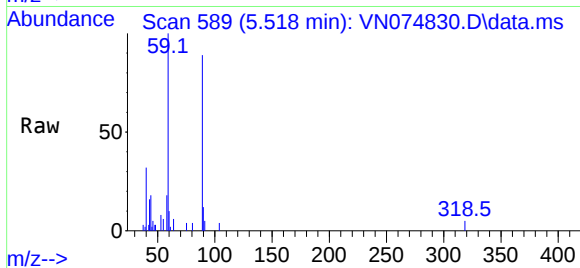
ClientSampleId :

Tgt Ion: 59 Resp: 18929

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#13

Acrolein

Concen: Below Cal

RT: 4.189 min Scan# 363

Delta R.T. -0.012 min

Lab File: VN074830.D

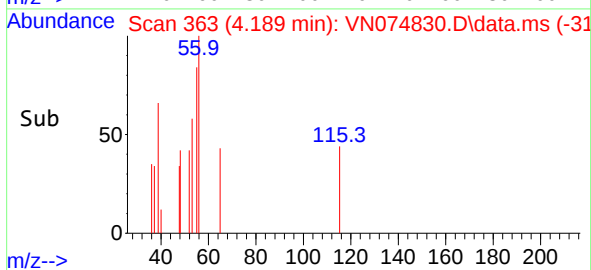
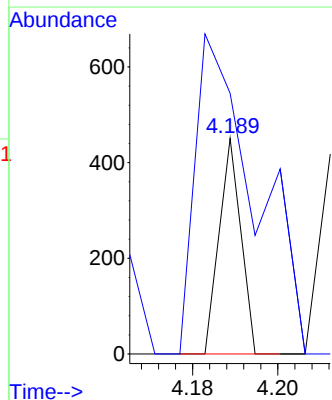
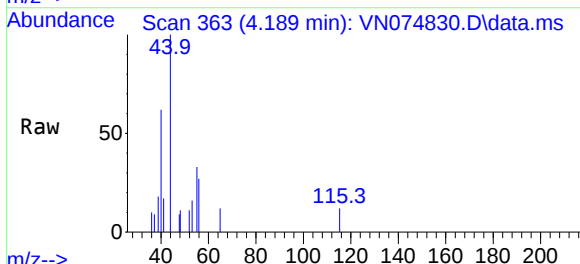
Acq: 10 Oct 2022 14:24

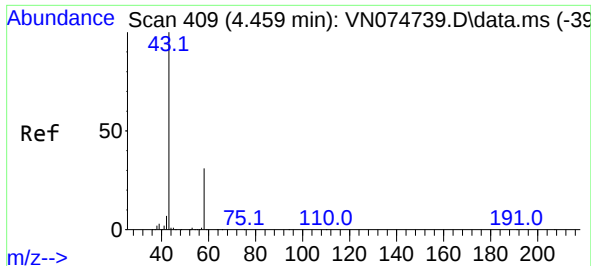
Tgt Ion: 56 Resp: 159

Ion Ratio Lower Upper

56 100

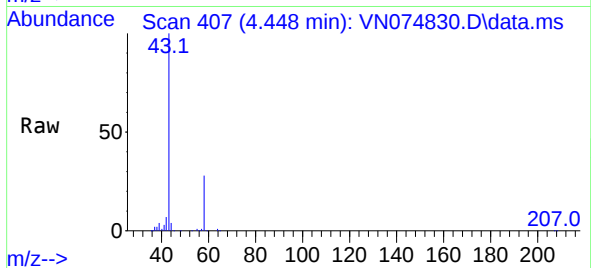
55 410.1 54.9 82.3#



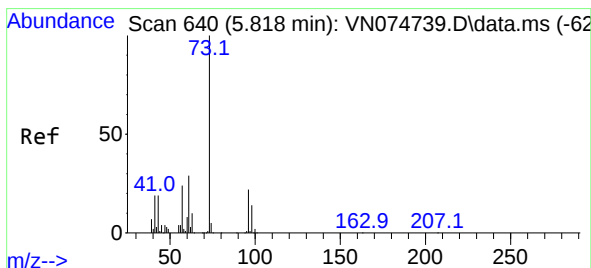
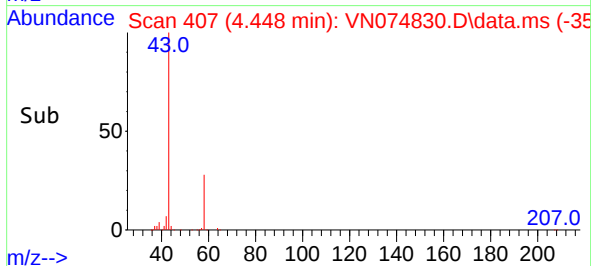
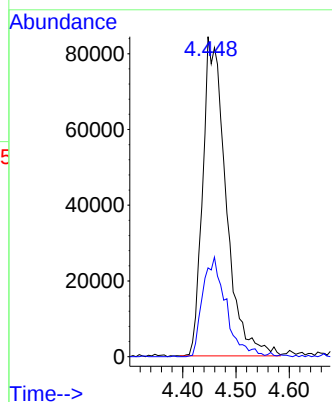


#16
Acetone
Concen: 47.233 ug/l
RT: 4.448 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :

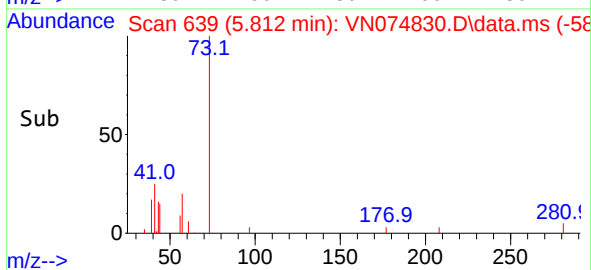
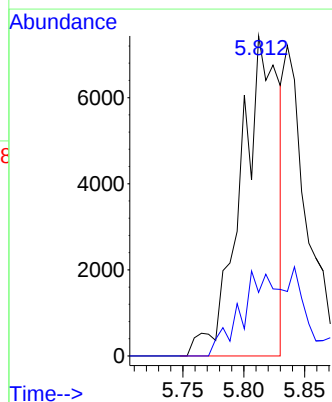
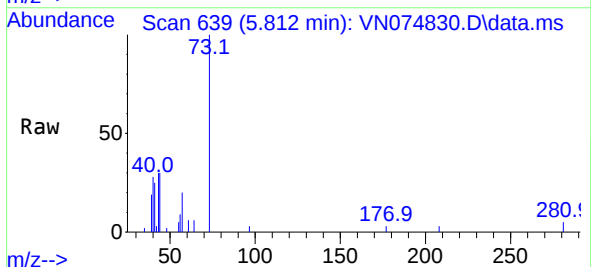


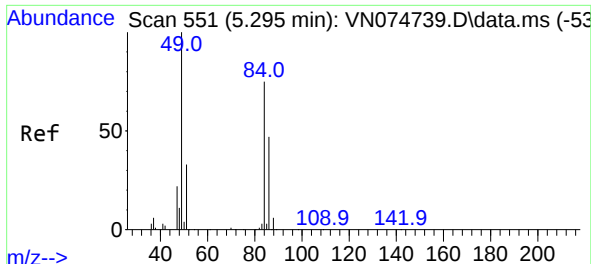
Tgt Ion: 43 Resp: 255236
Ion Ratio Lower Upper
43 100
58 27.8 24.9 37.3



#19
Methyl tert-butyl Ether
Concen: 0.533 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

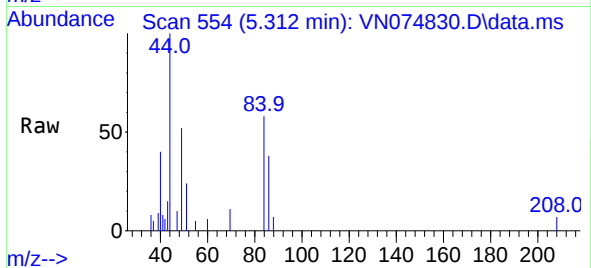
Tgt Ion: 73 Resp: 16186
Ion Ratio Lower Upper
73 100
57 19.9 19.0 28.4





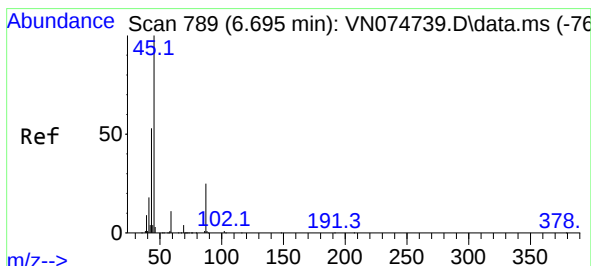
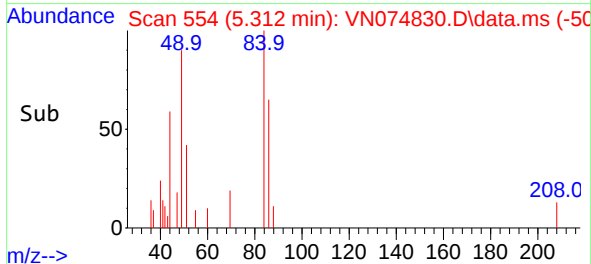
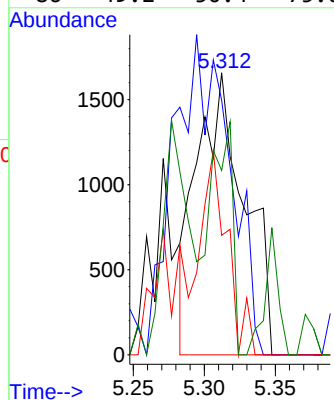
#20
Methylene Chloride
Concen: Below Cal
RT: 5.312 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 3861

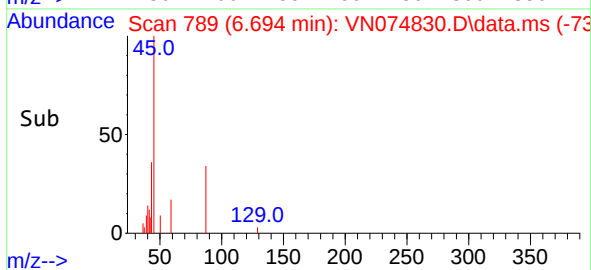
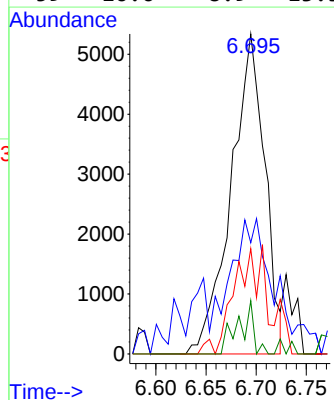
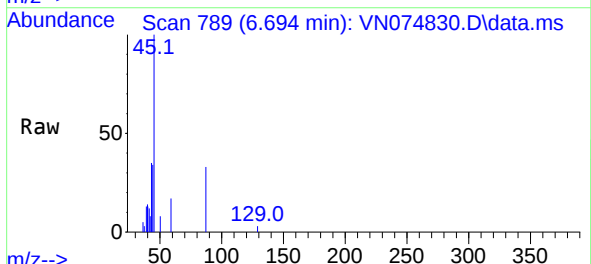
Ion	Ratio	Lower	Upper
84	100		
49	90.3	107.4	161.0#
51	42.3	35.1	52.7
86	49.2	50.4	75.6#

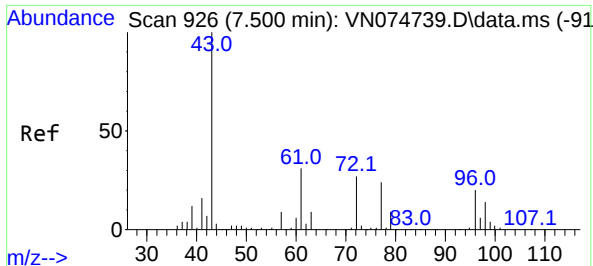


#22
Diisopropyl ether
Concen: 0.367 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 45 Resp: 12497

Ion	Ratio	Lower	Upper
45	100		
43	22.9	42.7	64.1#
87	32.9	19.6	29.4#
59	16.6	8.9	13.3#





#25

2-Butanone

Concen: 1.590 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

Instrument :

MSVOA_N

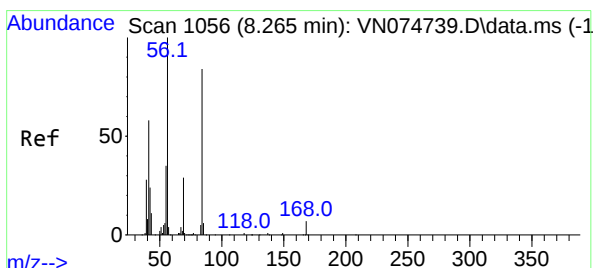
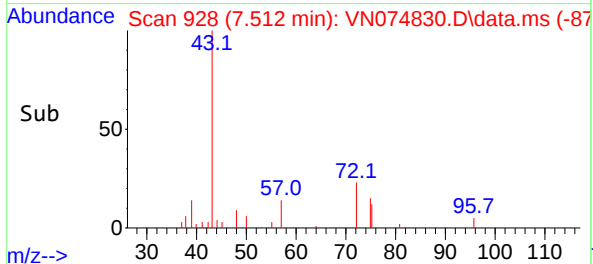
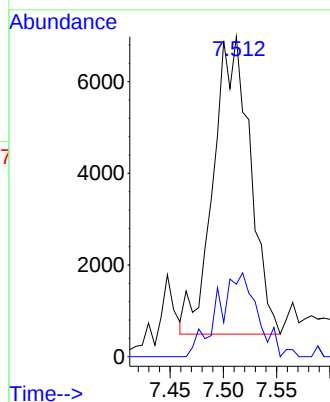
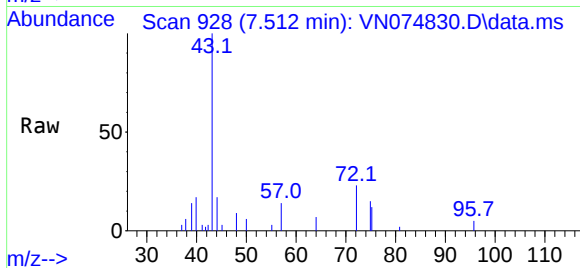
ClientSampleId :

Tgt Ion: 43 Resp: 15598

Ion Ratio Lower Upper

43 100

72 24.4 21.4 32.0



#31

Cyclohexane

Concen: 0.710 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

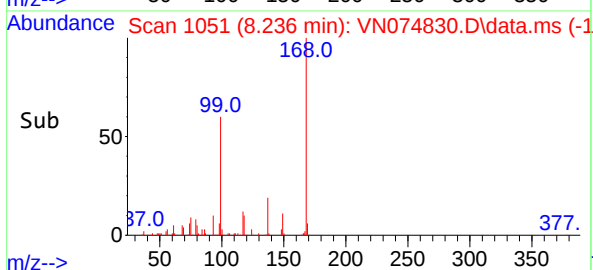
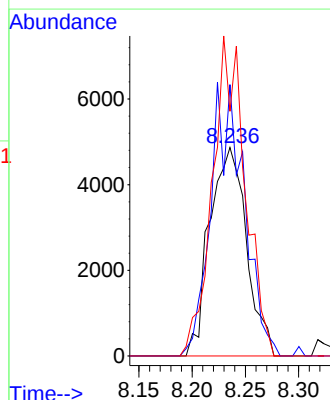
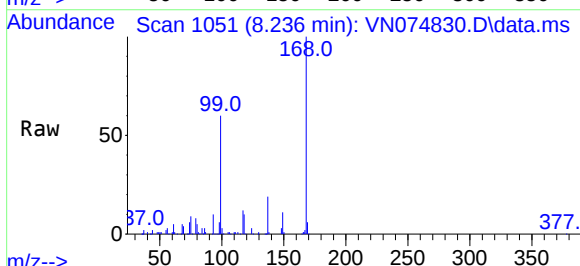
Tgt Ion: 56 Resp: 11702

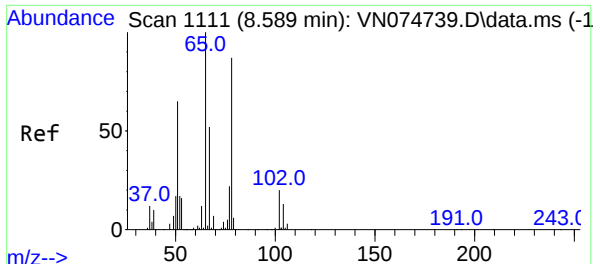
Ion Ratio Lower Upper

56 100

69 130.2 23.1 34.7#

84 117.4 67.1 100.7#





#33

1,2-Dichloroethane-d4

Concen: 47.047 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

Instrument :

MSVOA_N

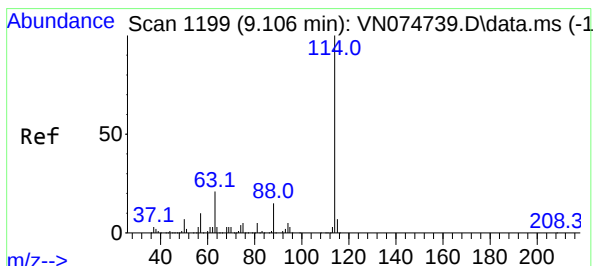
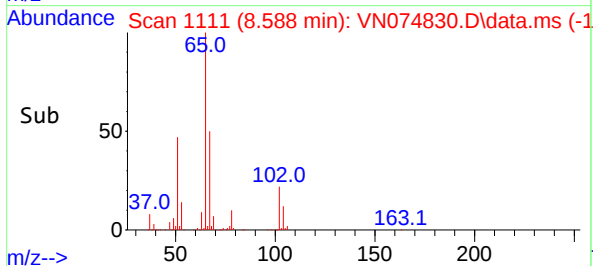
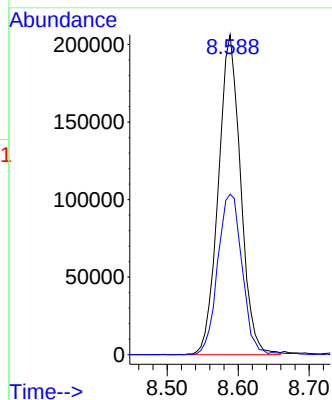
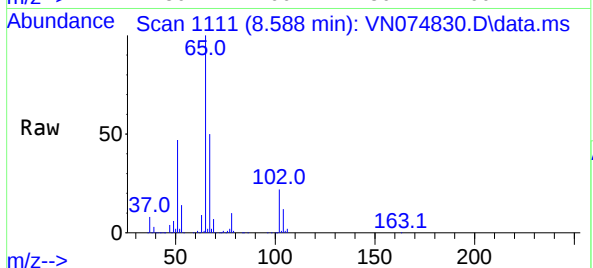
ClientSampleId :

Tgt Ion: 65 Resp: 448609

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

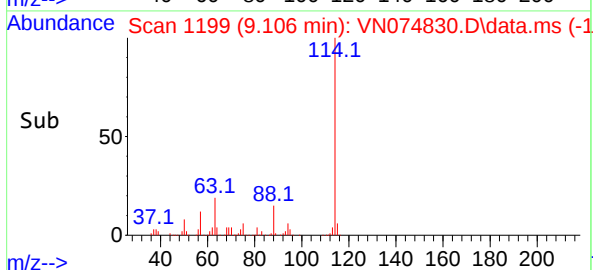
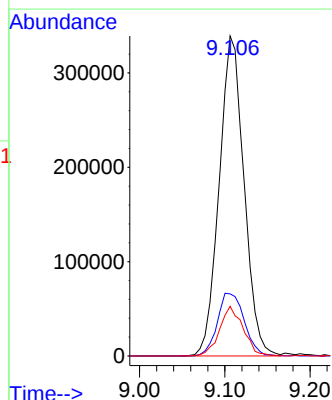
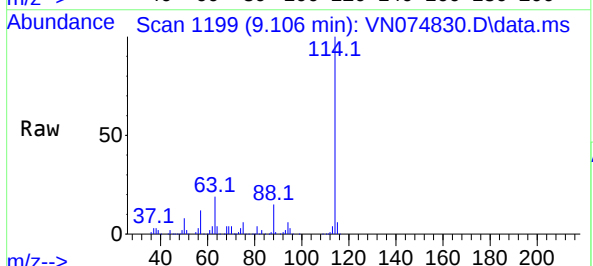
Tgt Ion: 114 Resp: 686206

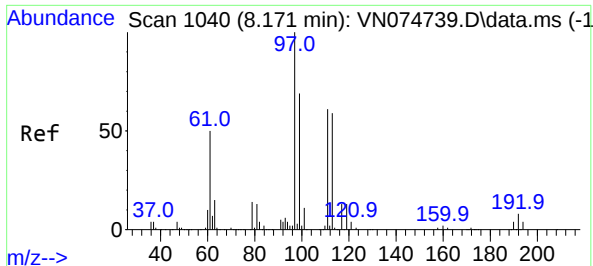
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

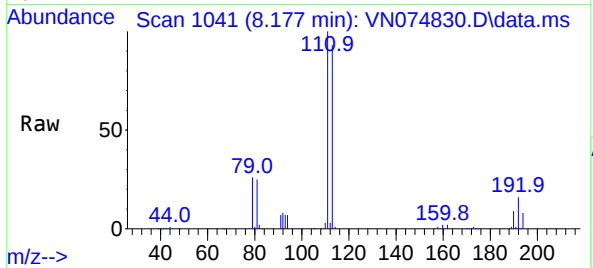
88 15.5 0.0 30.2



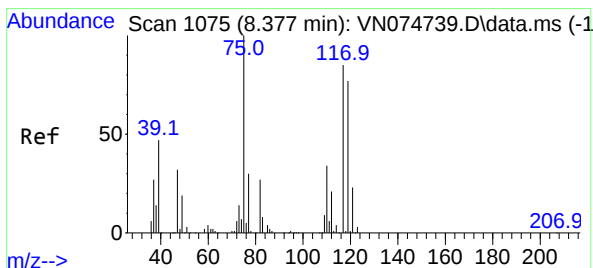
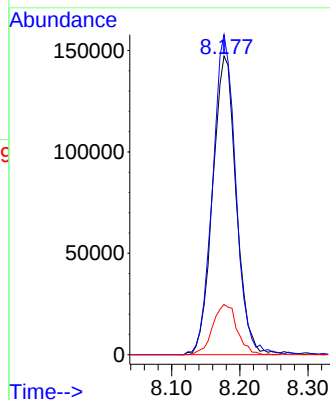
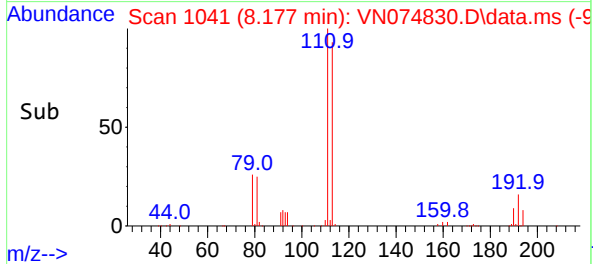


#35
Dibromofluoromethane
Concen: 51.107 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

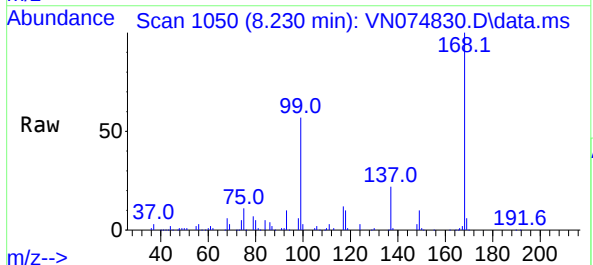
Instrument :
MSVOA_N
ClientSampleId :



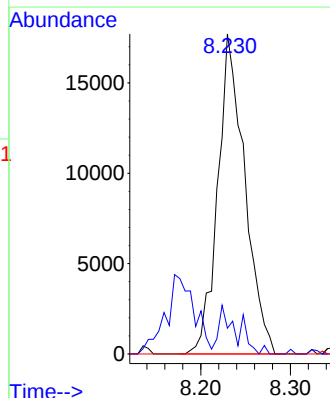
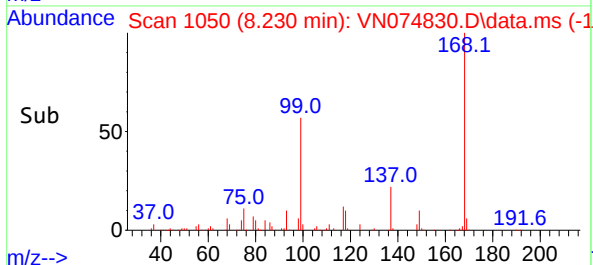
Tgt Ion:113 Resp: 354328
Ion Ratio Lower Upper
113 100
111 105.2 83.0 124.6
192 17.4 12.6 18.8

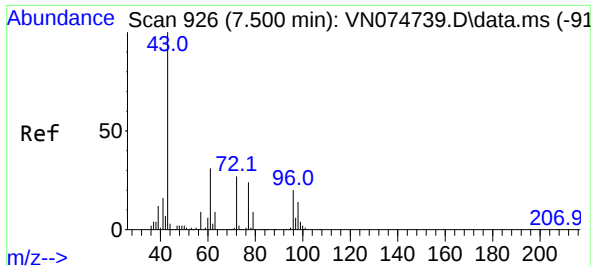


#36
1,1-Dichloropropene
Concen: 3.296 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



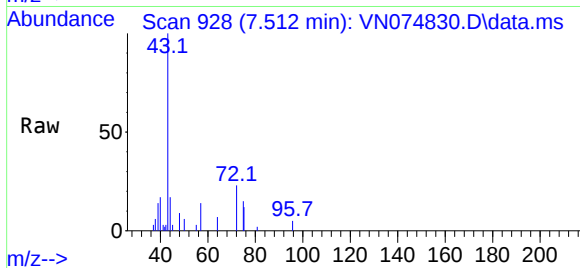
Tgt Ion: 75 Resp: 36992
Ion Ratio Lower Upper
75 100
110 5.6 17.2 51.5#
77 0.0 24.3 36.5#



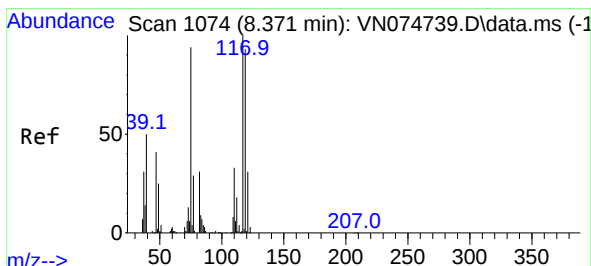
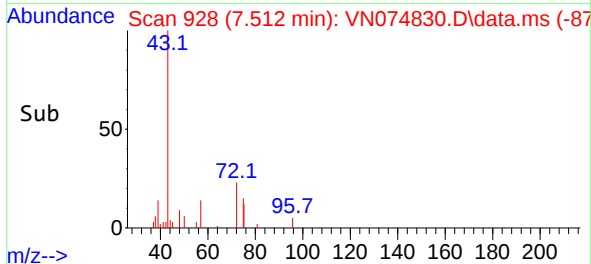
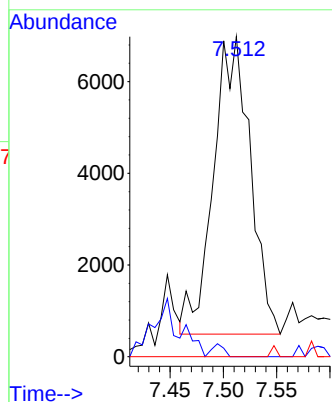


#37
Ethyl Acetate
Concen: 0.347 ug/l
RT: 7.512 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :

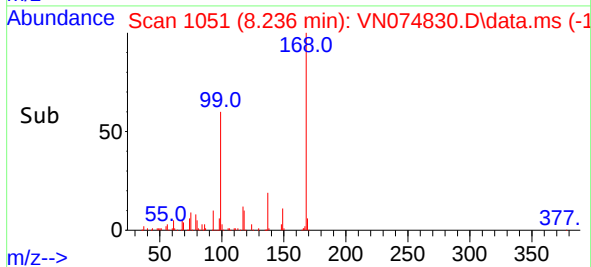
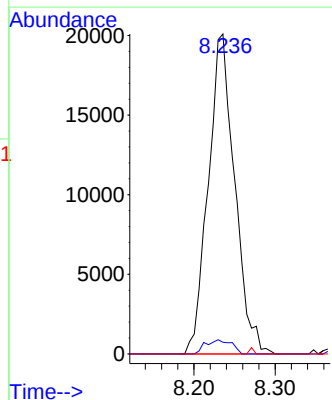
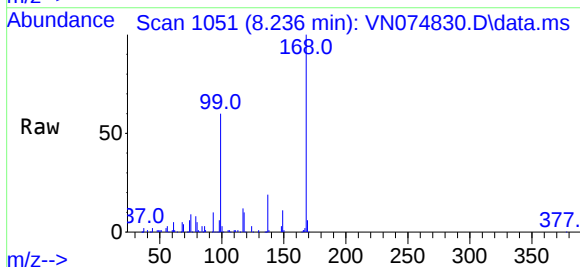


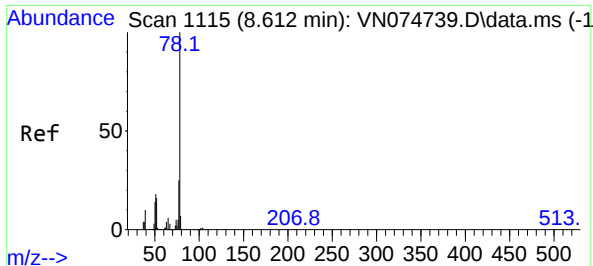
Tgt Ion: 43 Resp: 15598
Ion Ratio Lower Upper
43 100
61 1.4 4.3 6.5#
70 0.0 3.0 4.4#



#38
Carbon Tetrachloride
Concen: 4.303 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.135 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 117 Resp: 45541
Ion Ratio Lower Upper
117 100
119 3.6 74.3 111.5#
121 0.0 25.0 37.4#

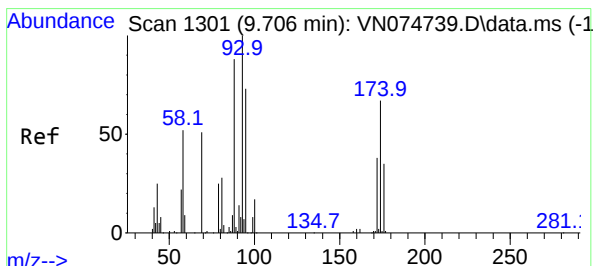
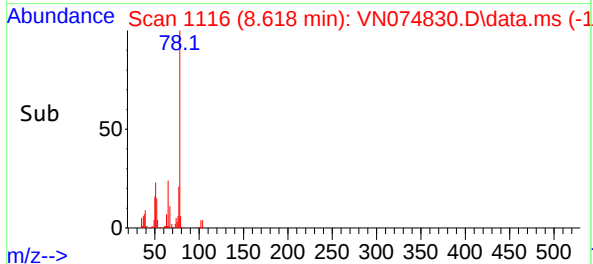
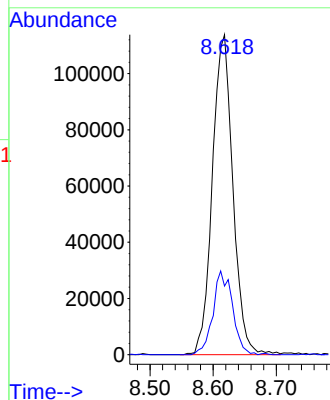
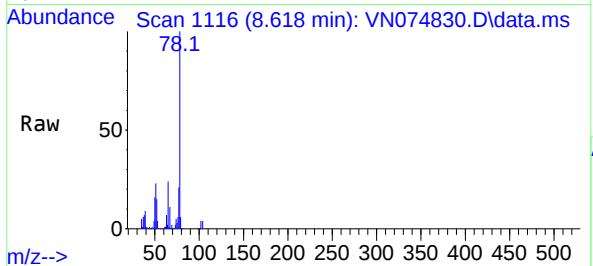




#40
Benzene
Concen: 7.075 ug/l
RT: 8.618 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

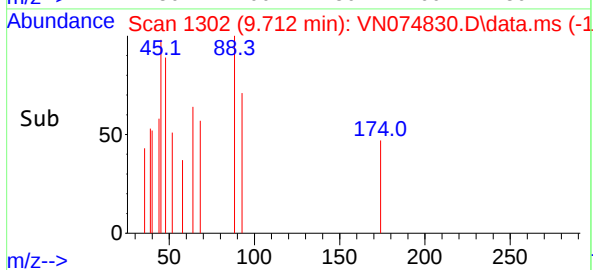
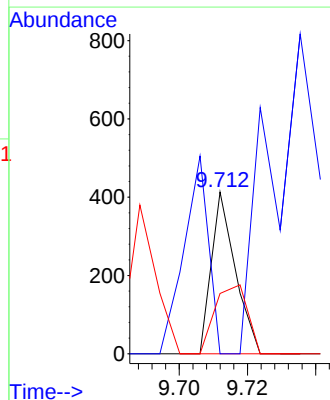
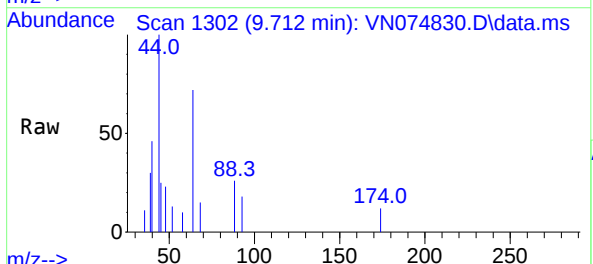
Instrument :
MSVOA_N
ClientSampleId :

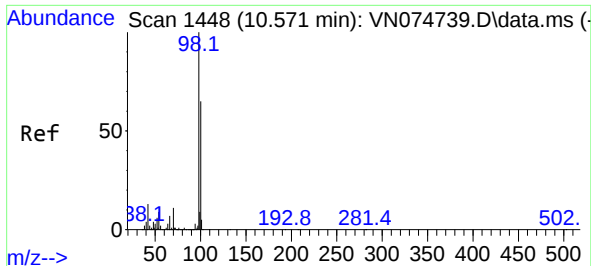
Tgt Ion: 78 Resp: 257019
Ion Ratio Lower Upper
78 100
77 21.5 20.1 30.1



#49
1,4-Dioxane
Concen: 0.808 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 88 Resp: 200
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 58.0 54.9 82.3

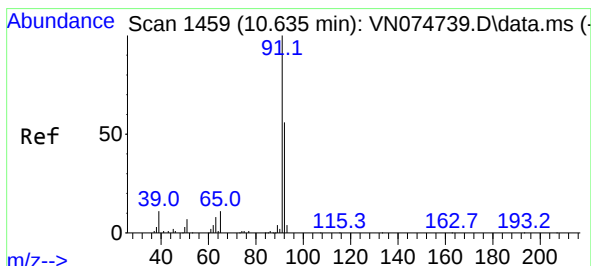
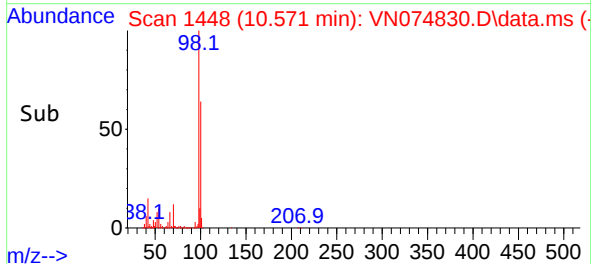
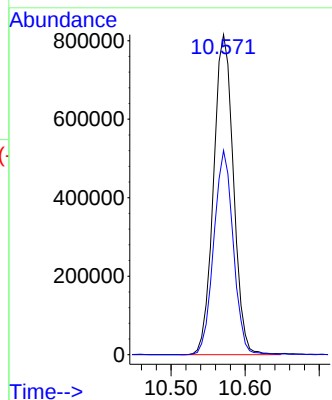
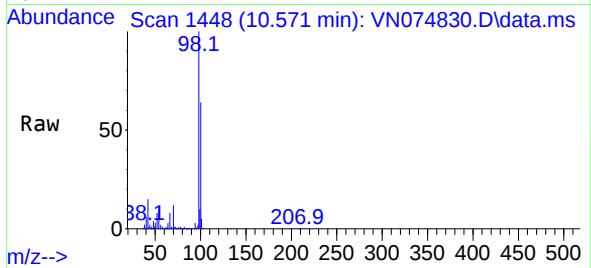




#50
Toluene-d8
Concen: 51.138 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

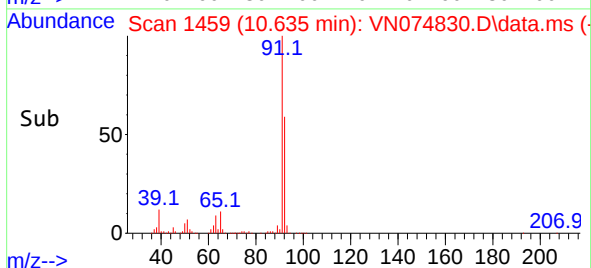
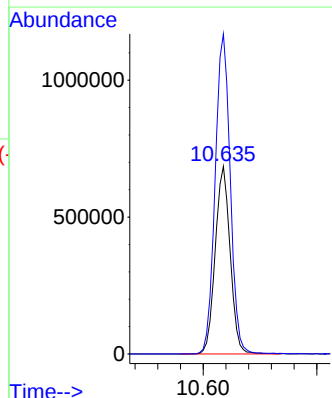
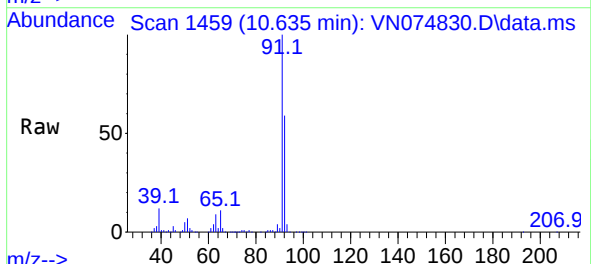
Instrument :
MSVOA_N
ClientSampleId :

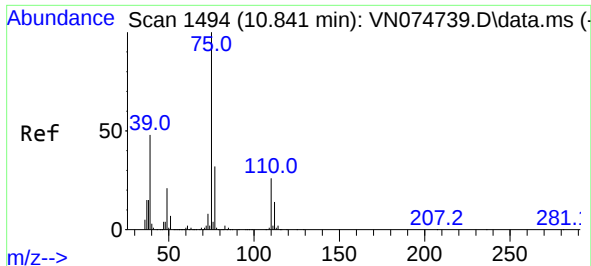
Tgt Ion: 98 Resp: 1521311
Ion Ratio Lower Upper
98 100
100 62.4 50.7 76.1



#52
Toluene
Concen: 57.183 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 92 Resp: 1247965
Ion Ratio Lower Upper
92 100
91 172.3 140.2 210.4

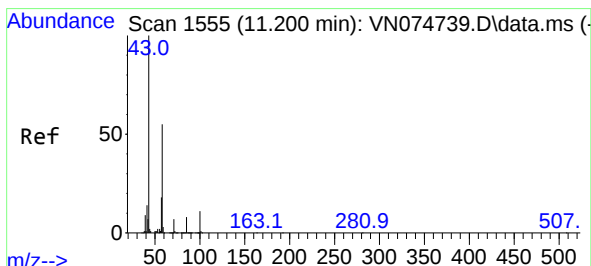
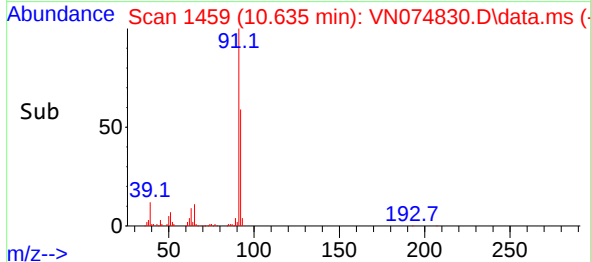
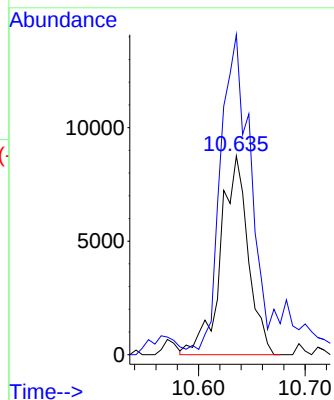
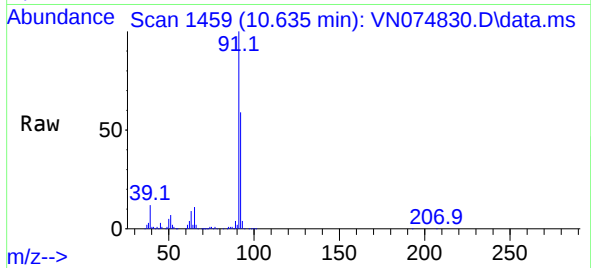




#53
t-1,3-Dichloropropene
Concen: 1.121 ug/l
RT: 10.635 min Scan# 1494
Delta R.T. -0.206 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

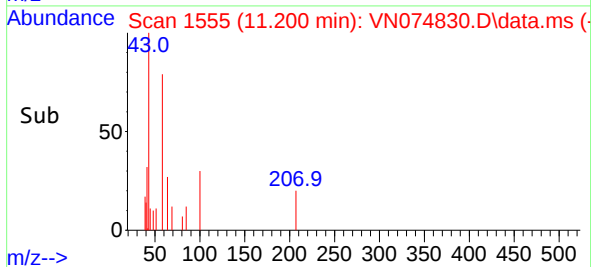
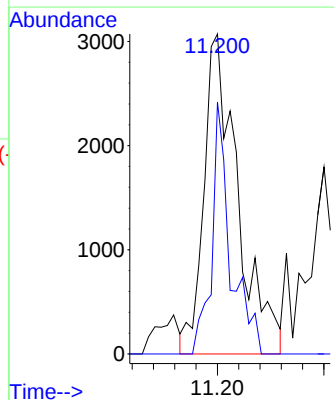
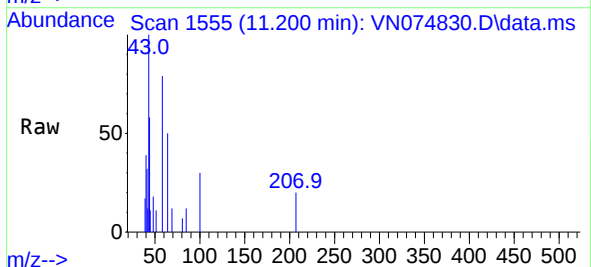
Instrument :
MSVOA_N
ClientSampleId :

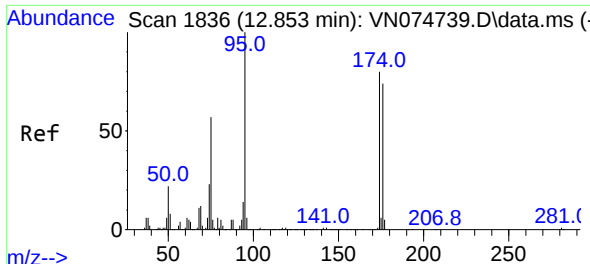
Tgt Ion: 75 Resp: 15752
Ion Ratio Lower Upper
75 100
77 157.2 26.0 39.0#



#59
2-Hexanone
Concen: 0.500 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 43 Resp: 6769
Ion Ratio Lower Upper
43 100
58 43.3 27.3 81.9

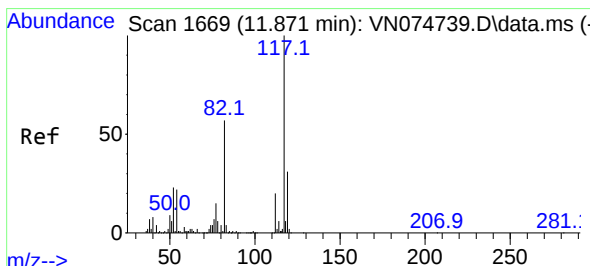
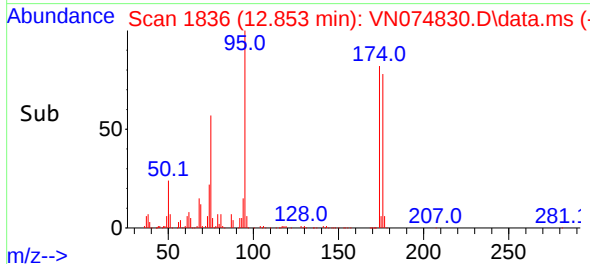
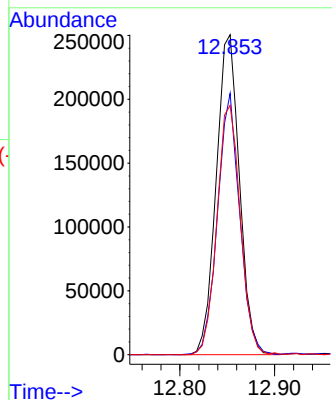
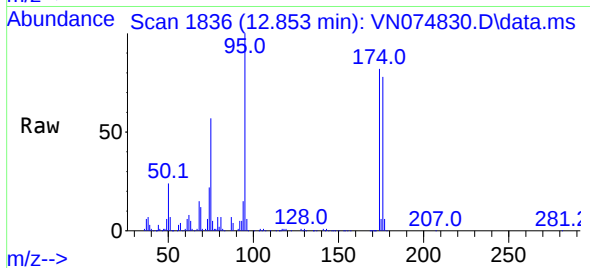




#62
4-Bromofluorobenzene
Concen: 47.288 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

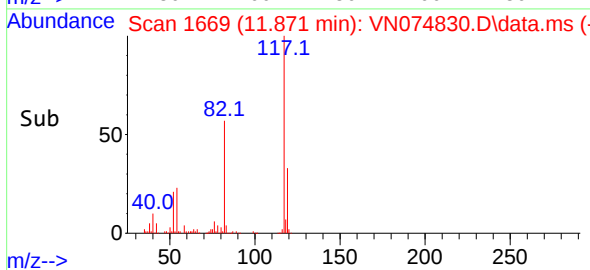
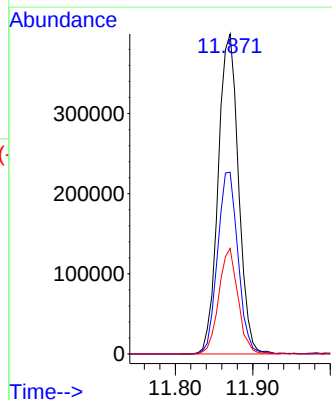
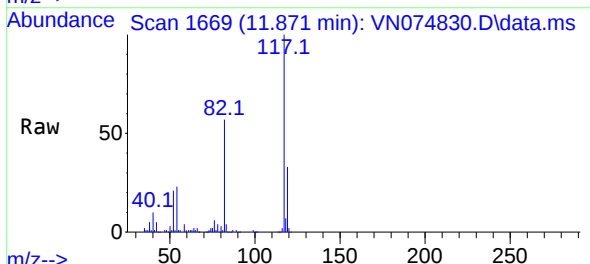
Instrument :
MSVOA_N
ClientSampleId :

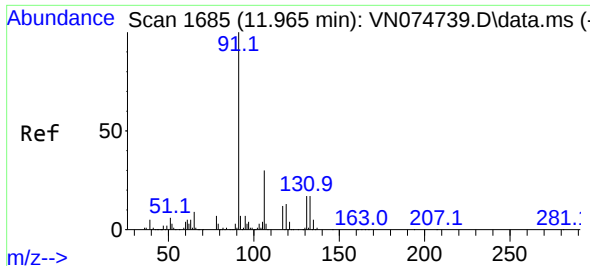
Tgt Ion: 95 Resp: 427637
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.4
176 78.2 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 117 Resp: 727873
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 33.0 25.1 37.7

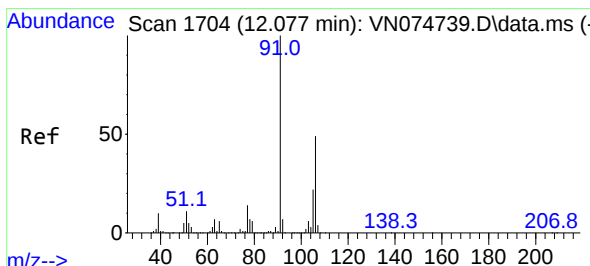
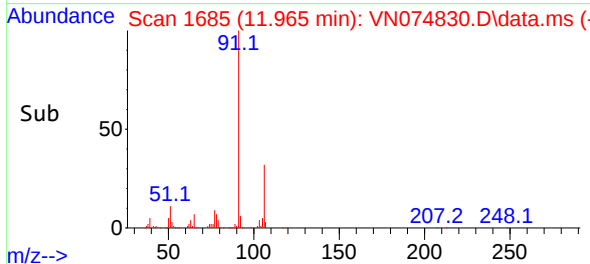
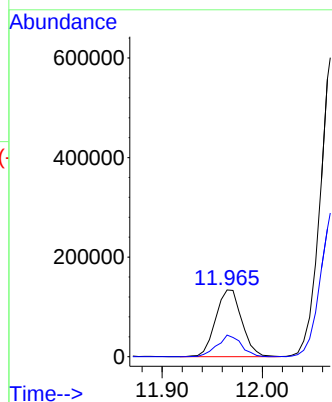
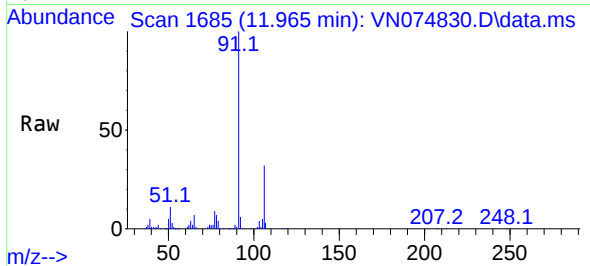




#67
Ethyl Benzene
Concen: 5.850 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

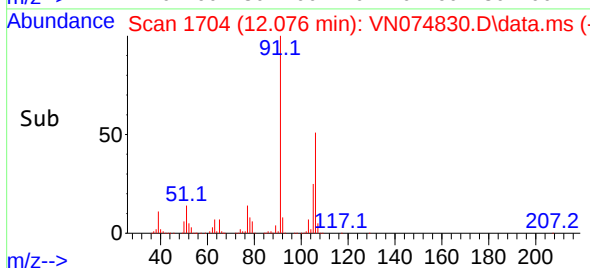
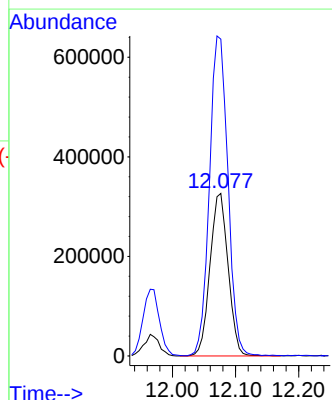
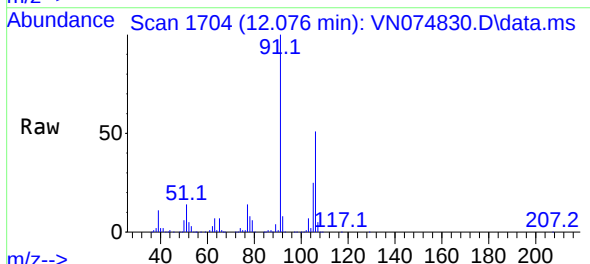
Instrument :
MSVOA_N
ClientSampleId :

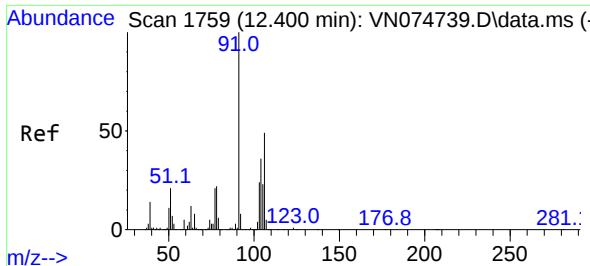
Tgt Ion: 91 Resp: 243127
Ion Ratio Lower Upper
91 100
106 32.5 24.1 36.1



#68
m/p-Xylenes
Concen: 41.660 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion:106 Resp: 649996
Ion Ratio Lower Upper
106 100
91 200.7 164.2 246.4

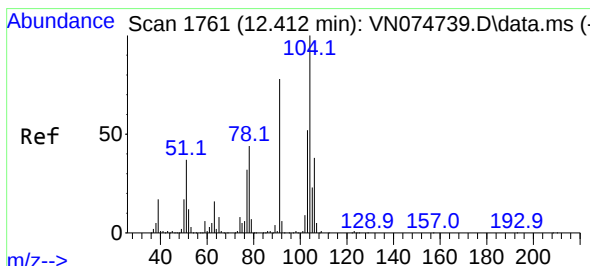
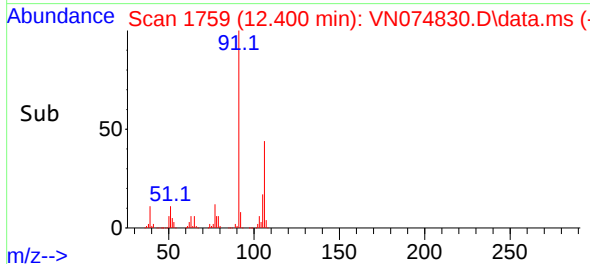
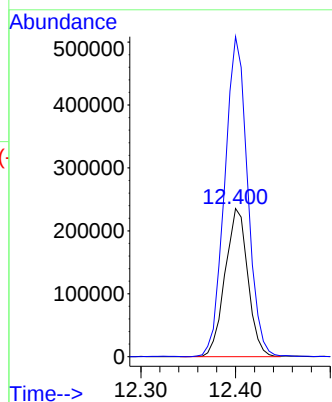
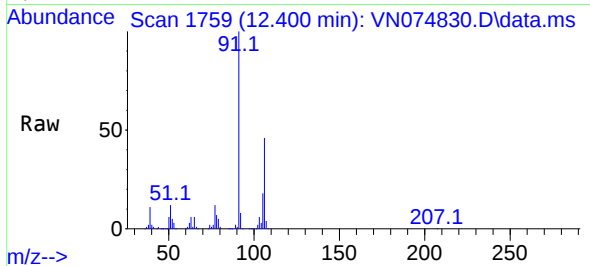




#69
o-Xylene
Concen: 24.564 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

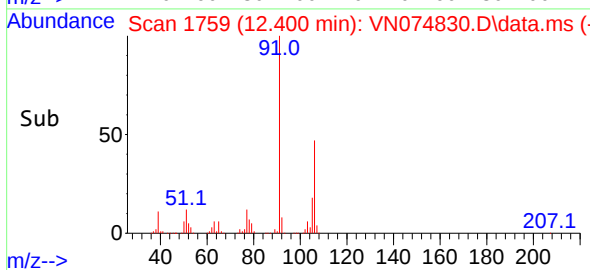
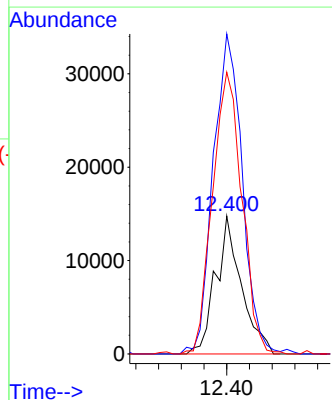
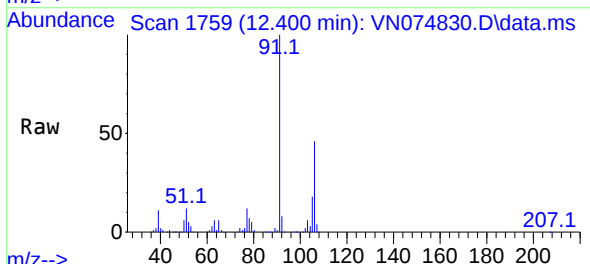
Instrument :
MSVOA_N
ClientSampleId :

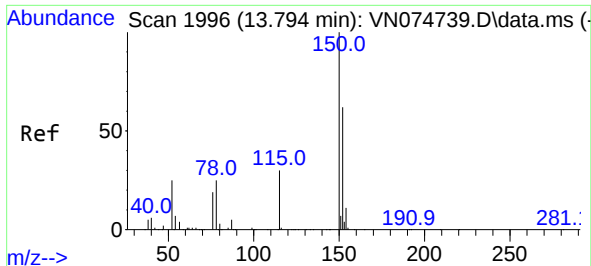
Tgt Ion:106 Resp: 393202
Ion Ratio Lower Upper
106 100
91 217.6 105.4 316.1



#70
Styrene
Concen: 0.922 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

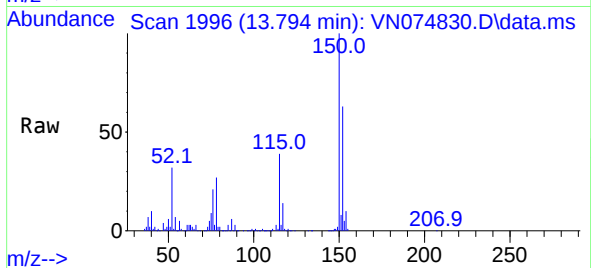
Tgt Ion:104 Resp: 23267
Ion Ratio Lower Upper
104 100
78 261.7 39.7 59.5#
103 234.1 44.7 67.1#



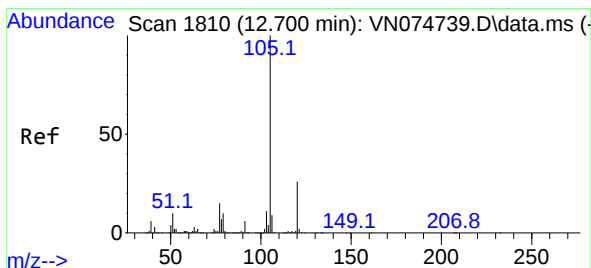
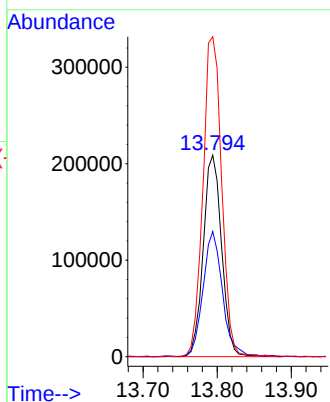
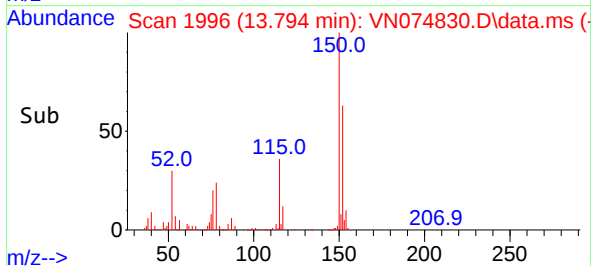


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

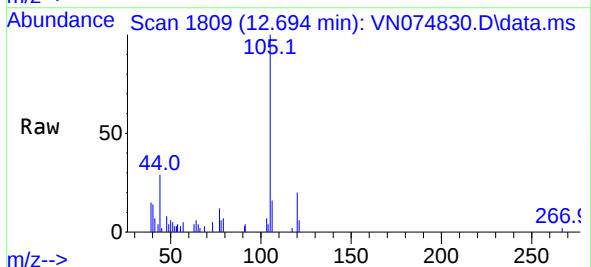
Instrument :
MSVOA_N
ClientSampleId :



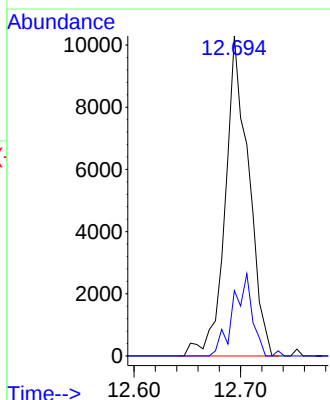
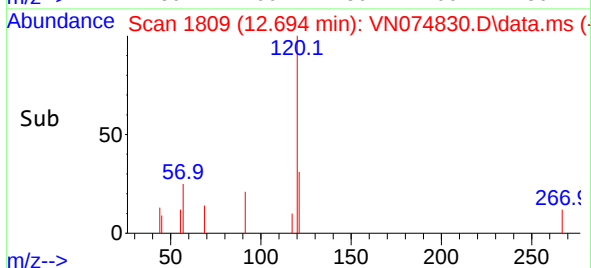
Tgt Ion:152 Resp: 360265
Ion Ratio Lower Upper
152 100
115 65.4 30.0 90.0
150 161.9 0.0 356.4

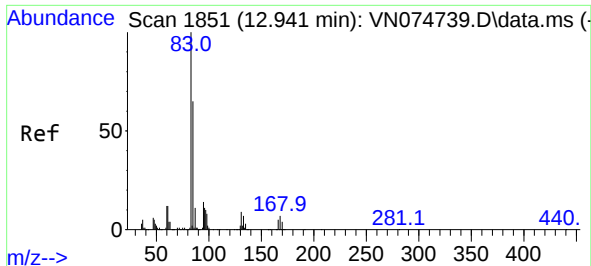


#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24



Tgt Ion:105 Resp: 15680
Ion Ratio Lower Upper
105 100
120 21.1 13.1 39.3

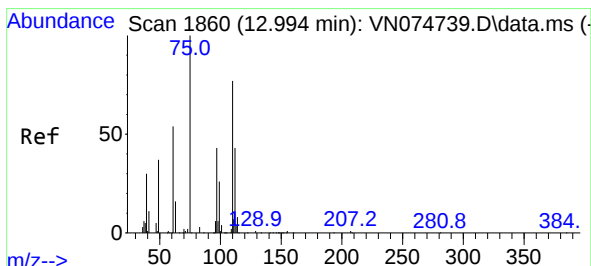
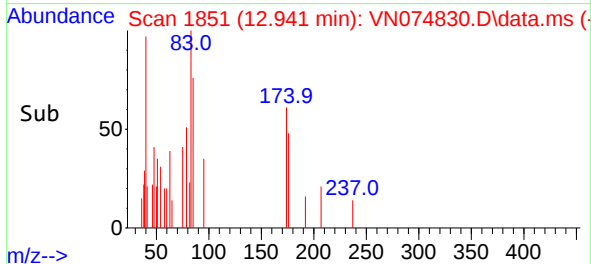
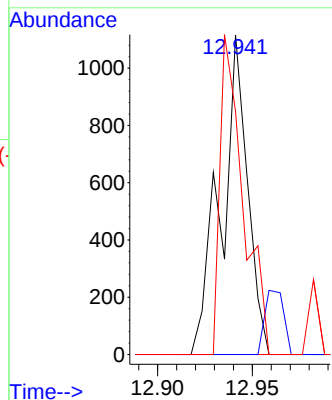
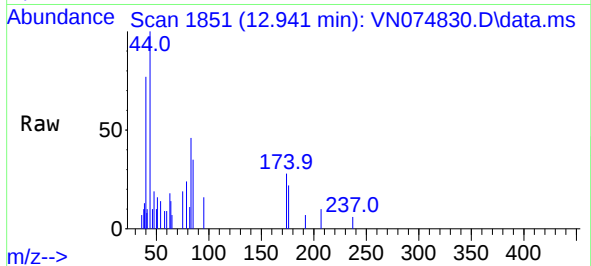




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

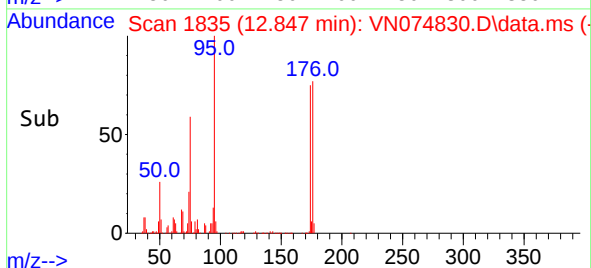
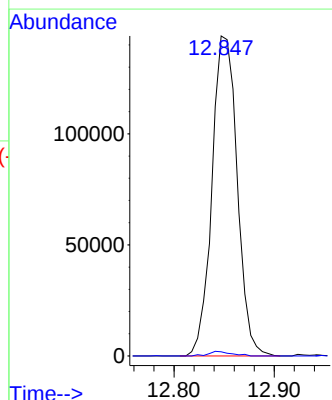
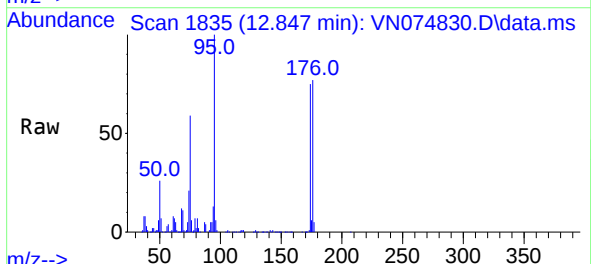
Instrument :
MSVOA_N
ClientSampleId :

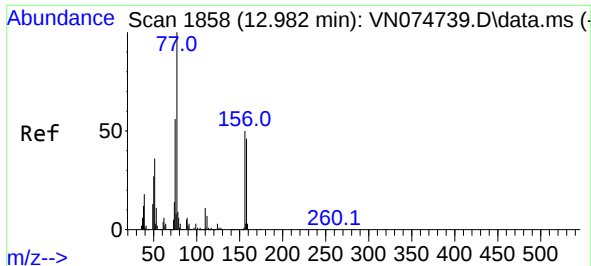
Tgt Ion: 83 Resp: 1083
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 87.2 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 23.416 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 75 Resp: 251788
Ion Ratio Lower Upper
75 100
77 1.3 76.9 230.7#

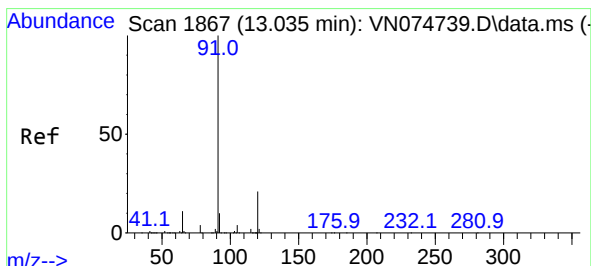
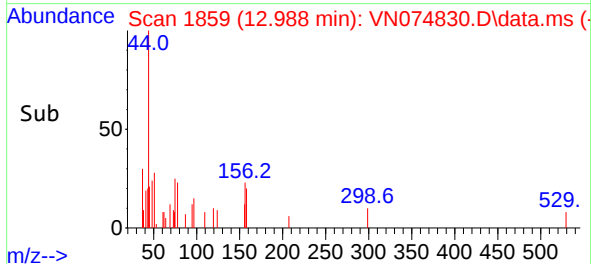
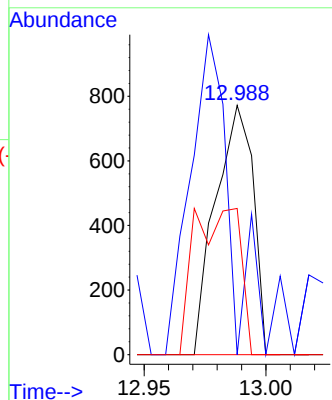
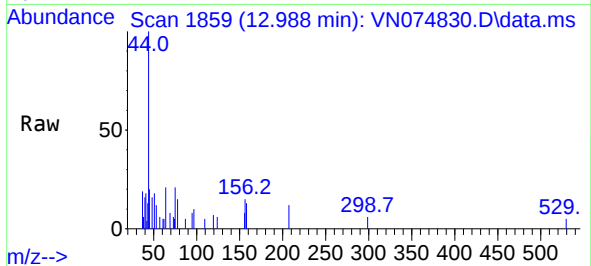




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

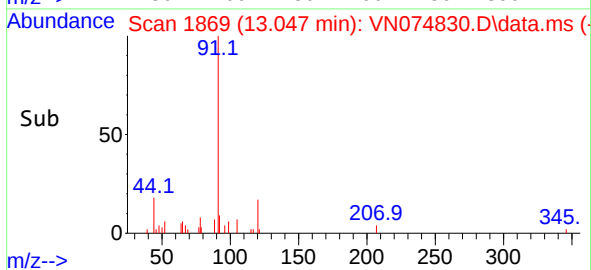
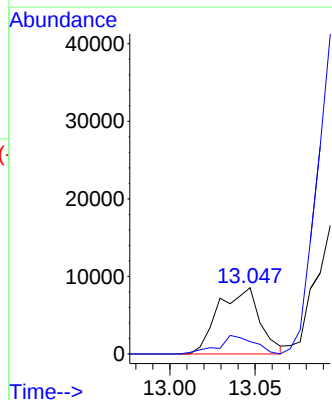
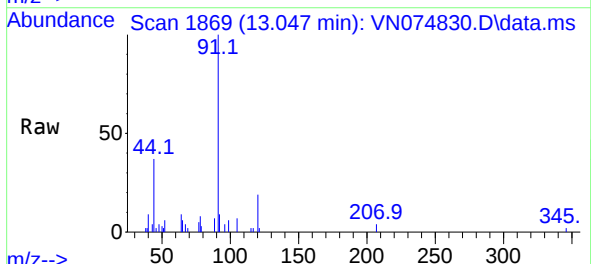
Instrument :
MSVOA_N
ClientSampleId :

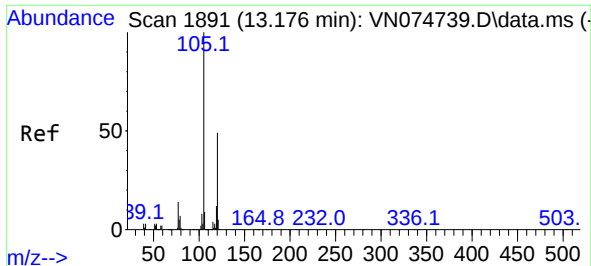
Tgt Ion:156 Resp: 831
Ion Ratio Lower Upper
156 100
77 145.6 124.7 374.1
158 71.8 48.3 144.9



#78
n-propylbenzene
Concen: 0.361 ug/l
RT: 13.047 min Scan# 1869
Delta R.T. 0.012 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 91 Resp: 14413
Ion Ratio Lower Upper
91 100
120 24.2 10.8 32.4

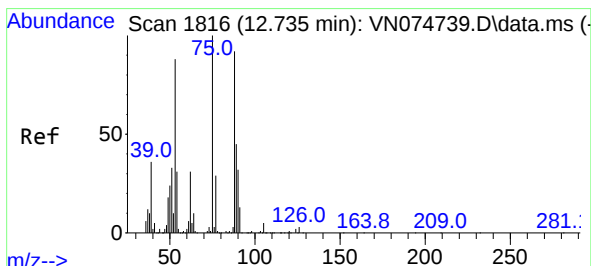
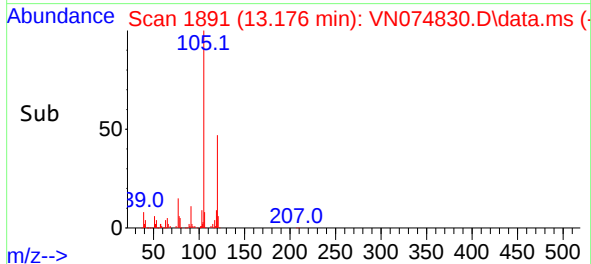
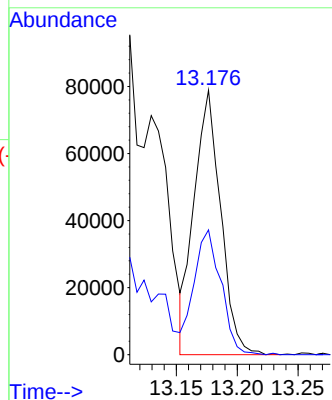
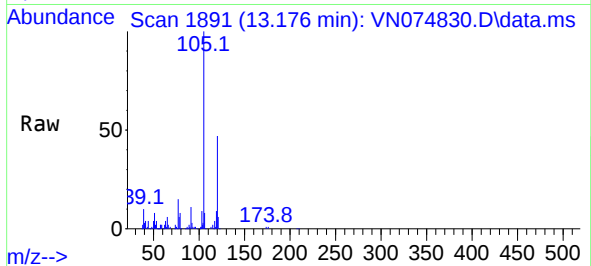




#80
1,3,5-Trimethylbenzene
Concen: 4.332 ug/l
RT: 13.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

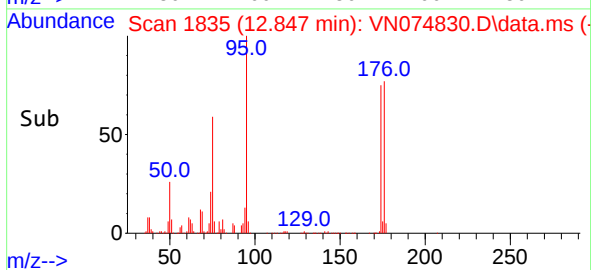
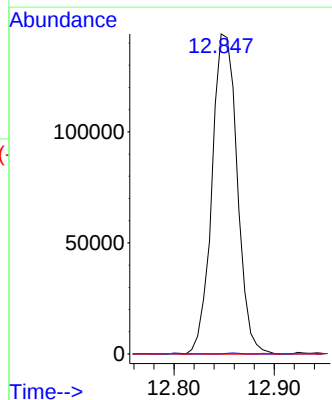
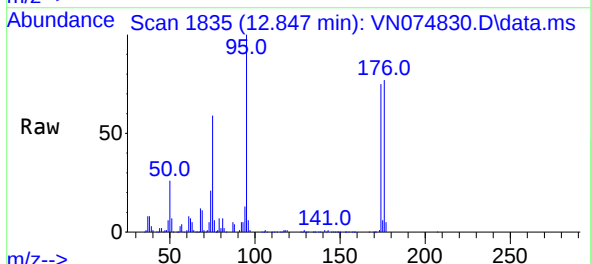
Instrument :
MSVOA_N
ClientSampleId :

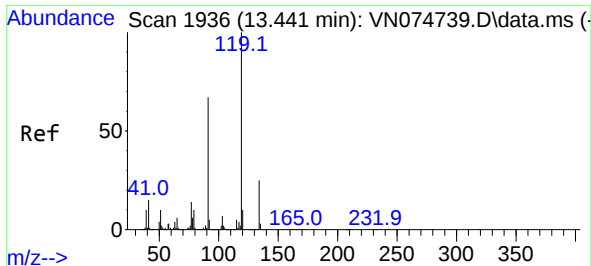
Tgt Ion:105 Resp: 119779
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 45.622 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion: 75 Resp: 251788
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.0#
89 0.0 32.1 48.1#

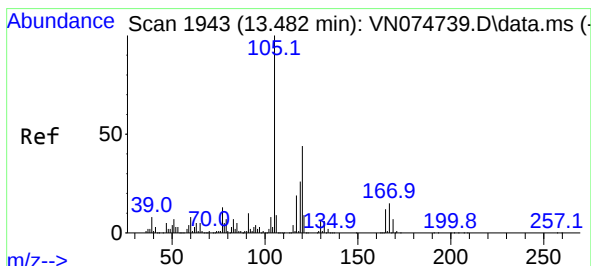
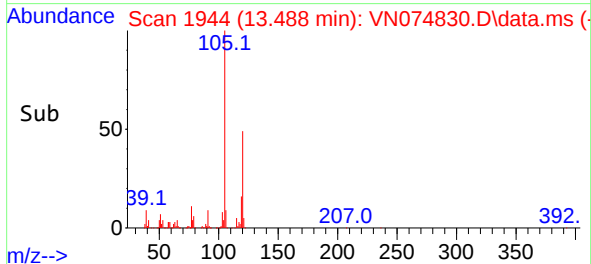
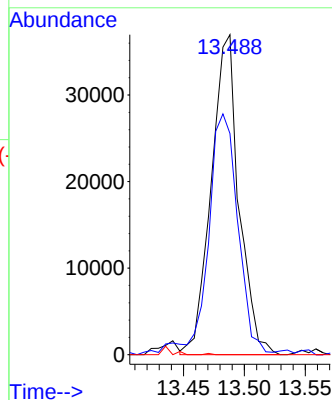
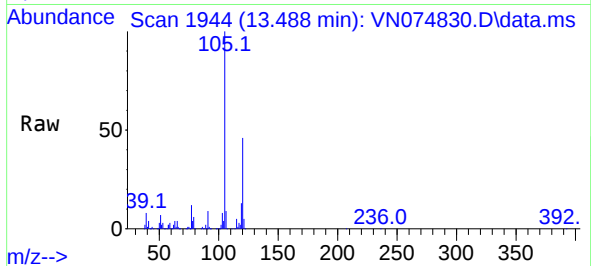




#83
tert-Butylbenzene
Concen: 2.459 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

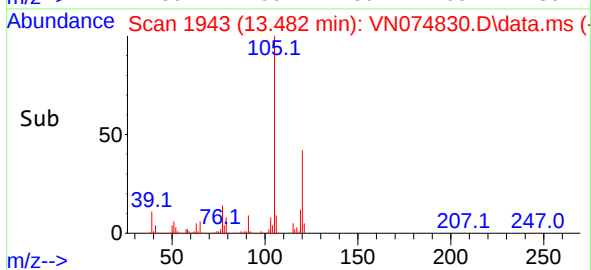
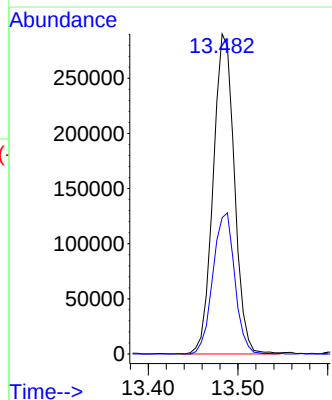
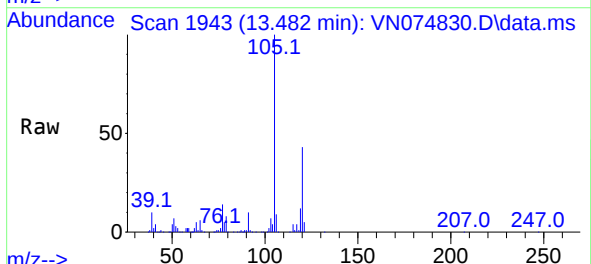
Instrument :
MSVOA_N
ClientSampleId :

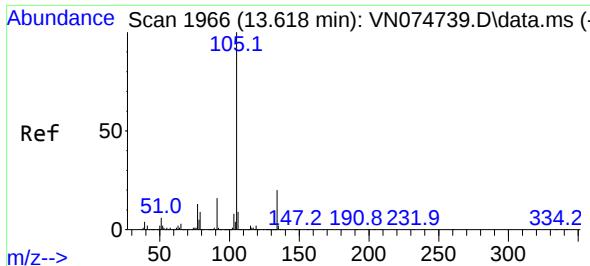
Tgt Ion:119 Resp: 58746
Ion Ratio Lower Upper
119 100
91 81.1 33.0 98.9
134 0.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 17.077 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Tgt Ion:105 Resp: 477420
Ion Ratio Lower Upper
105 100
120 45.4 21.7 65.1

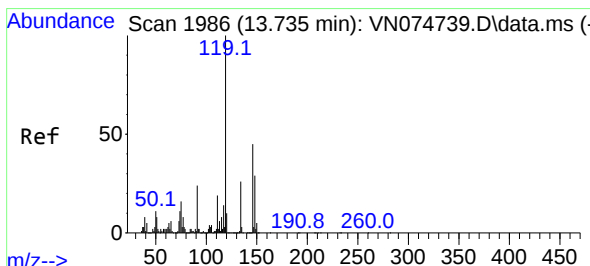
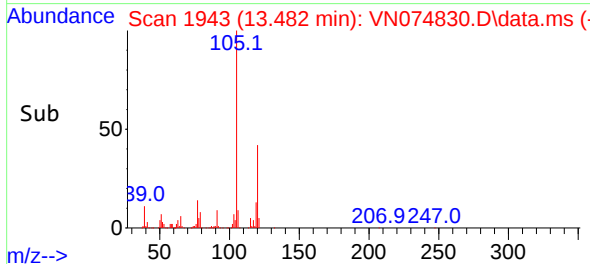
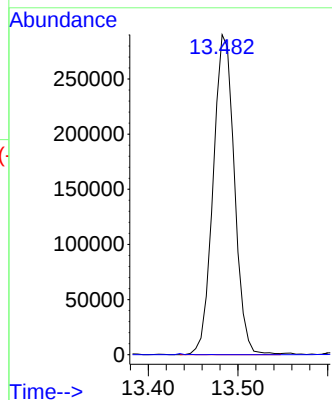
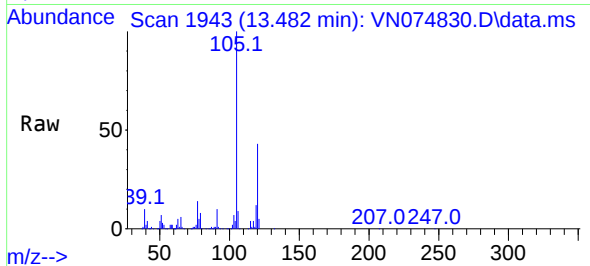




#85
 sec-Butylbenzene
 Concen: 13.750 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN074830.D
 Acq: 10 Oct 2022 14:24

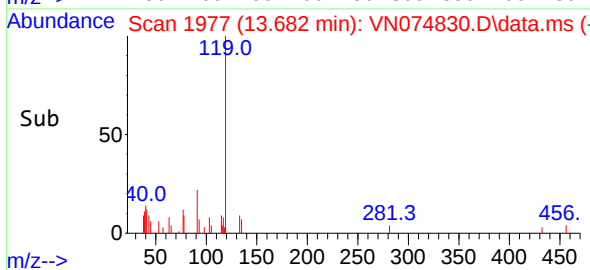
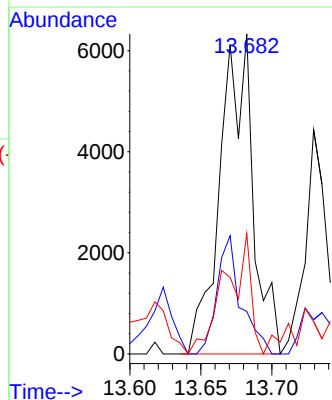
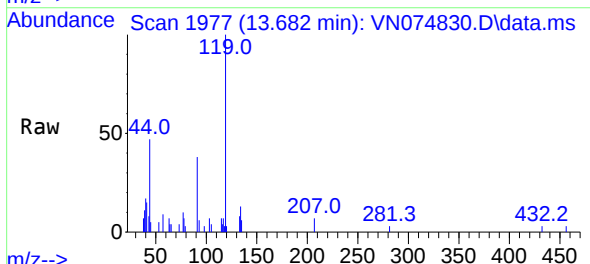
Instrument :
 MSVOA_N
 ClientSampleId :

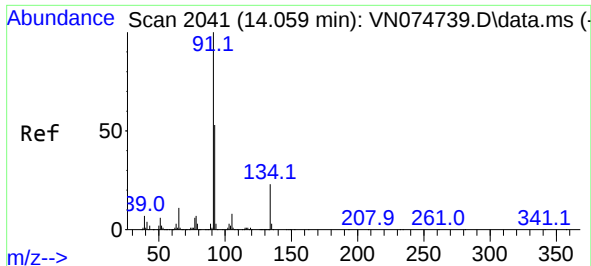
Tgt Ion:105 Resp: 477420
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#86
 p-Isopropyltoluene
 Concen: 0.377 ug/l
 RT: 13.682 min Scan# 1977
 Delta R.T. -0.053 min
 Lab File: VN074830.D
 Acq: 10 Oct 2022 14:24

Tgt Ion:119 Resp: 10112
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.1
 91 29.2 12.0 36.0





#89

n-Butylbenzene

Concen: 0.267 ug/l

RT: 14.065 min Scan# 2041

Delta R.T. 0.006 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

Instrument :

MSVOA_N

ClientSampleId :

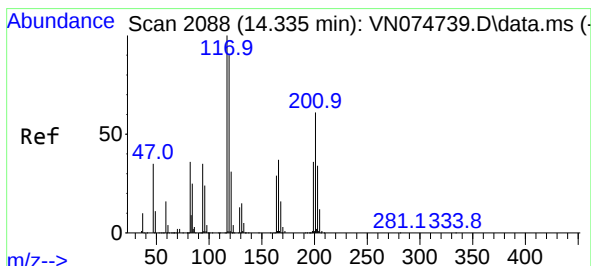
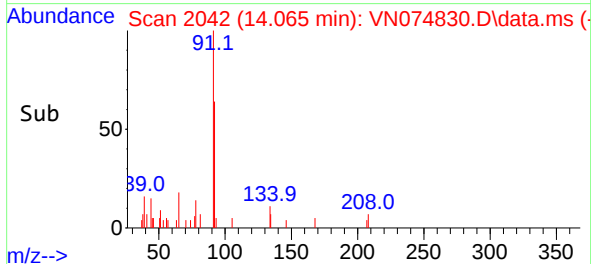
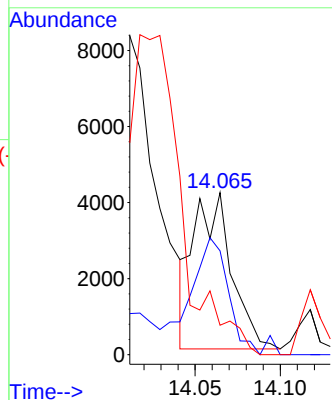
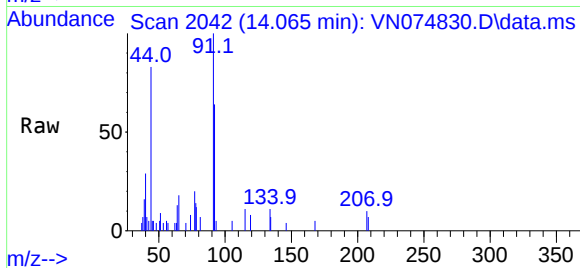
Tgt Ion: 91 Resp: 6311

Ion Ratio Lower Upper

91 100

92 75.9 26.7 80.0

134 0.0 11.9 35.5#



#90

Hexachloroethane

Concen: 1.141 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN074830.D

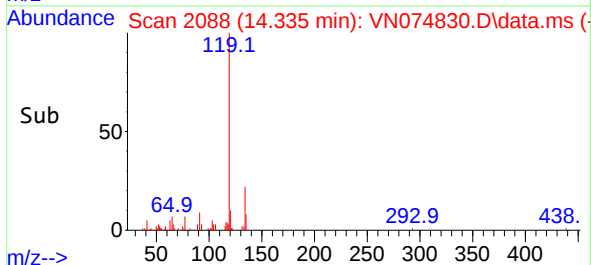
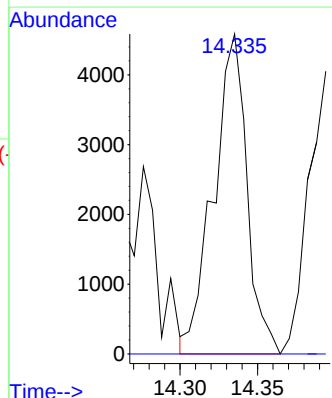
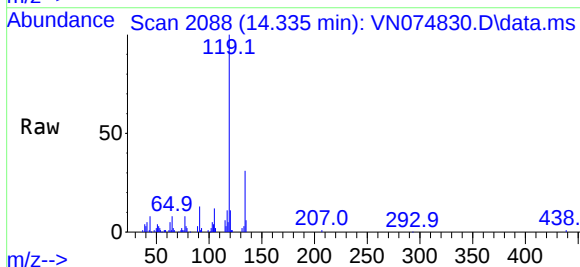
Acq: 10 Oct 2022 14:24

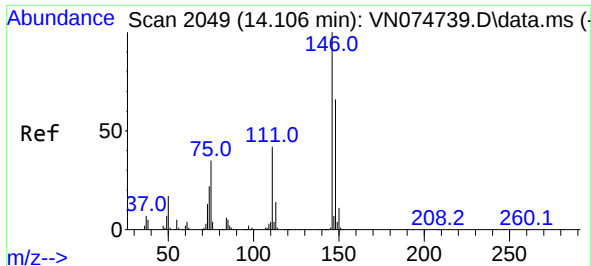
Tgt Ion: 117 Resp: 6834

Ion Ratio Lower Upper

117 100

201 0.0 30.3 90.8#





#91

1,2-Dichlorobenzene

Concen: 0.226 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

Instrument :

MSVOA_N

ClientSampleId :

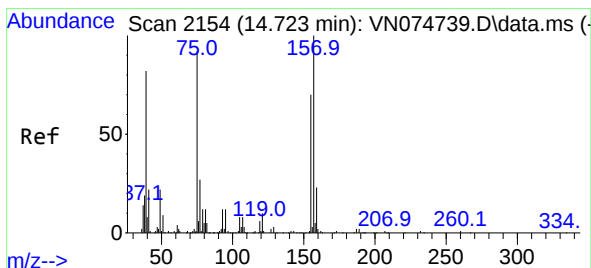
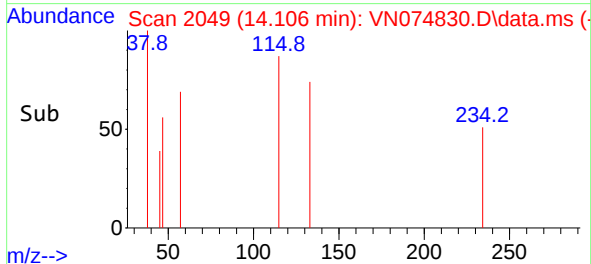
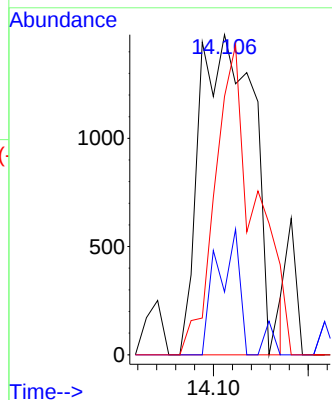
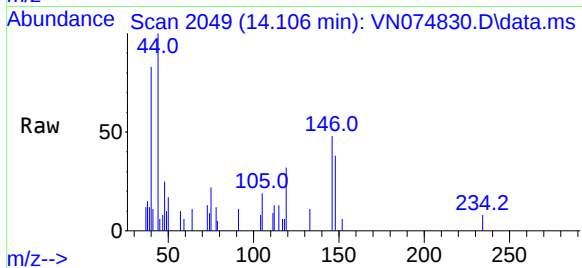
Tgt Ion:146 Resp: 2991

Ion Ratio Lower Upper

146 100

111 15.9 21.5 64.5#

148 71.1 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.619 ug/l

RT: 14.700 min Scan# 2150

Delta R.T. -0.023 min

Lab File: VN074830.D

Acq: 10 Oct 2022 14:24

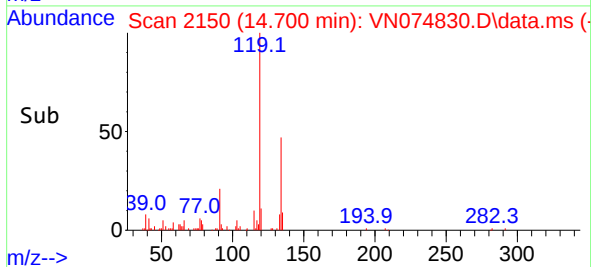
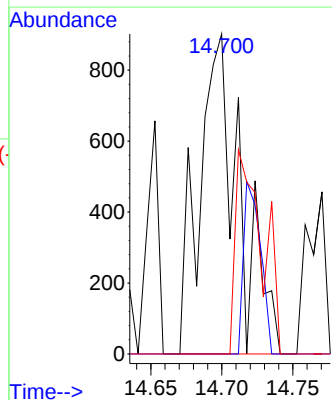
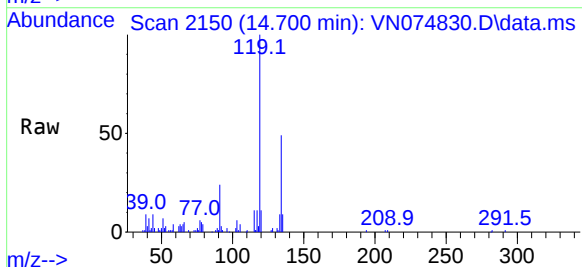
Tgt Ion: 75 Resp: 1779

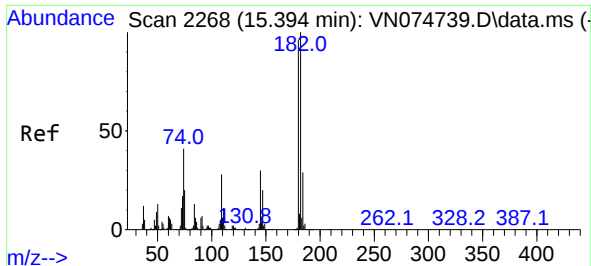
Ion Ratio Lower Upper

75 100

155 22.8 40.3 120.8#

157 41.8 51.3 153.9#

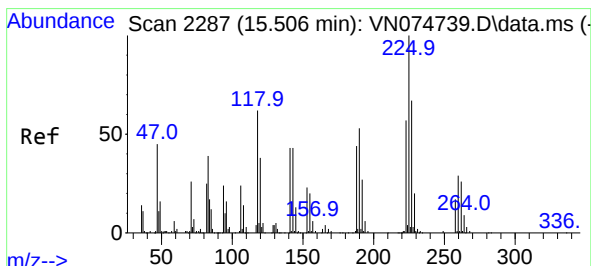
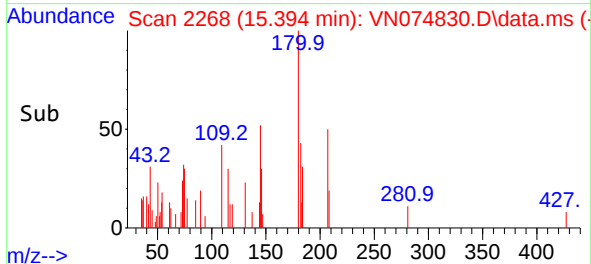
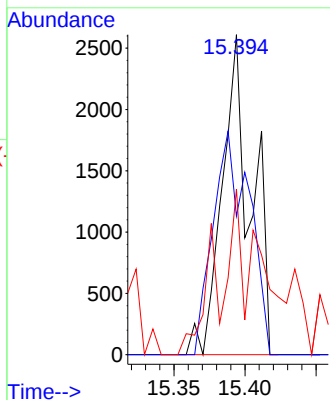
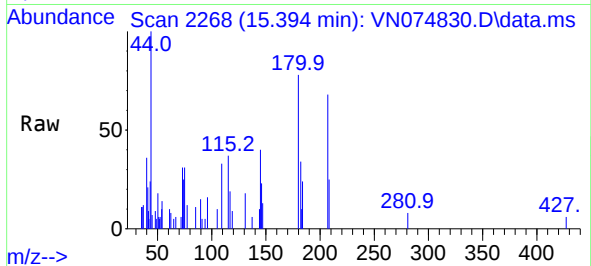




#93
1,2,4-Trichlorobenzene
Concen: 0.628 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

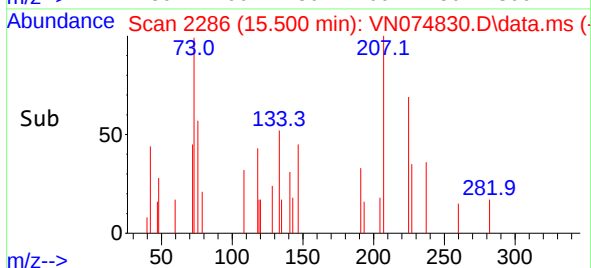
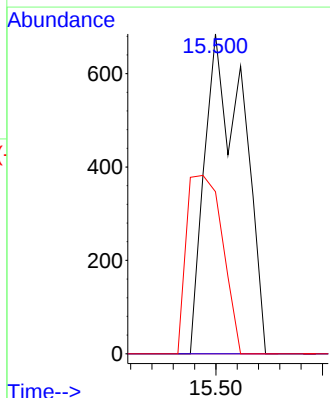
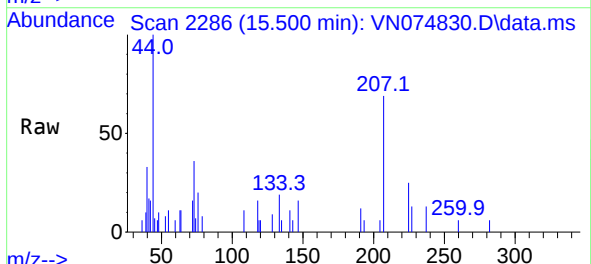
Instrument :
MSVOA_N
ClientSampleId :

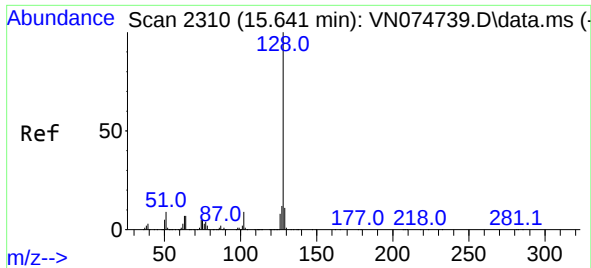
Tgt Ion:180 Resp: 3637
Ion Ratio Lower Upper
180 100
182 89.0 48.5 145.5
145 14.7 16.1 48.3#



#94
Hexachlorobutadiene
Concen: 0.319 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

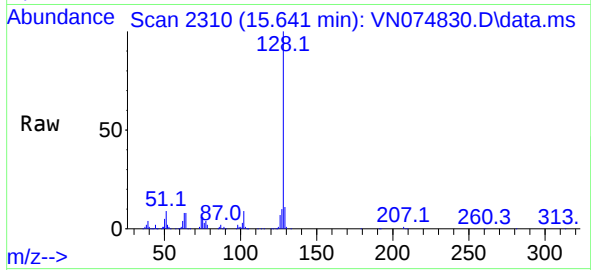
Tgt Ion:225 Resp: 864
Ion Ratio Lower Upper
225 100
223 0.0 31.7 95.1#
227 52.0 31.2 93.6





#95
Naphthalene
Concen: 13.876 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074830.D
Acq: 10 Oct 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 347459

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.2
129	11.5	9.0	13.4

