

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071541.D
 Acq On : 25 Mar 2022 12:40
 Operator : JC\MD
 Sample : PB143557TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557TB

Quant Time: Mar 26 03:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	747024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1237426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1226686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	441873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	432009	46.548	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.100%
35) Dibromofluoromethane	8.022	113	357837	46.013	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.020%
50) Toluene-d8	10.439	98	1556711	49.627	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.727	95	507111	49.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.680%

Target Compounds			Qvalue			
3) Chloromethane	2.298	50	4131	Below Cal		91
5) Bromomethane	2.875	94	2877	0.519 ug/l		100
6) Chloroethane	3.104	64	6809	0.966 ug/l #		62
8) Diethyl Ether	3.845	74	2085	0.412 ug/l		90
10) Methyl Iodide	4.445	142	2885	0.275 ug/l #		65
11) Tert butyl alcohol	5.316	59	2781	1.608 ug/l #		72
13) Acrolein	4.051	56	794	0.600 ug/l		98
15) Acrylonitrile	5.545	53	956	0.203 ug/l #		17
16) Acetone	4.287	43	26796	7.044 ug/l		96
17) Carbon Disulfide	4.528	76	4077	0.218 ug/l		95
18) Methyl Acetate	4.869	43	9736	Below Cal		95
20) Methylene Chloride	5.098	84	12251	1.382 ug/l #		85
25) 2-Butanone	7.333	43	6700	1.098 ug/l		96
29) Tetrahydrofuran	7.698	42	1767	0.435 ug/l #		84
31) Cyclohexane	8.080	56	14315	1.078 ug/l #		4
36) 1,1-Dichloropropene	8.086	75	51355	4.580 ug/l #		49
38) Carbon Tetrachloride	8.086	117	68498	6.267 ug/l #		16
43) Isopropyl Acetate	8.563	43	68634	3.131 ug/l #		91
45) 1,2-Dichloropropane	9.622	63	5685	0.658 ug/l #		44
48) Methyl methacrylate	9.539	41	17275	1.958 ug/l #		10
49) 1,4-Dioxane	9.569	88	253	1.243 ug/l #		1
51) 4-Methyl-2-Pentanone	10.327	43	15094	1.234 ug/l		96
54) cis-1,3-Dichloropropene	10.239	75	117678	8.604 ug/l #		60
57) 1,3-Dichloropropane	11.086	76	74273	4.984 ug/l #		42
59) 2-Hexanone	11.086	43	955193	108.286 ug/l #		48
74) N-amyl acetate	12.380	43	6409	0.512 ug/l #		85
75) 1,1,2,2-Tetrachloroethane	12.821	83	1228	Below Cal #		88
76) 1,2,3-Trichloropropane	12.727	75	253097	25.687 ug/l #		1
80) 1,3,5-Trimethylbenzene	13.057	105	8210	0.267 ug/l		96
81) trans-1,4-Dichloro-2-b...	12.727	75	253097	68.771 ug/l #		10
87) 1,3-Dichlorobenzene	13.610	146	3827	0.243 ug/l		91
88) 1,4-Dichlorobenzene	13.610	146	3827	0.246 ug/l		93
89) n-Butylbenzene	13.933	91	7933	0.353 ug/l		97
91) 1,2-Dichlorobenzene	13.980	146	3655	0.242 ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	642	0.279 ug/l		92
93) 1,2,4-Trichlorobenzene	15.256	180	5270	0.753 ug/l		95

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Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

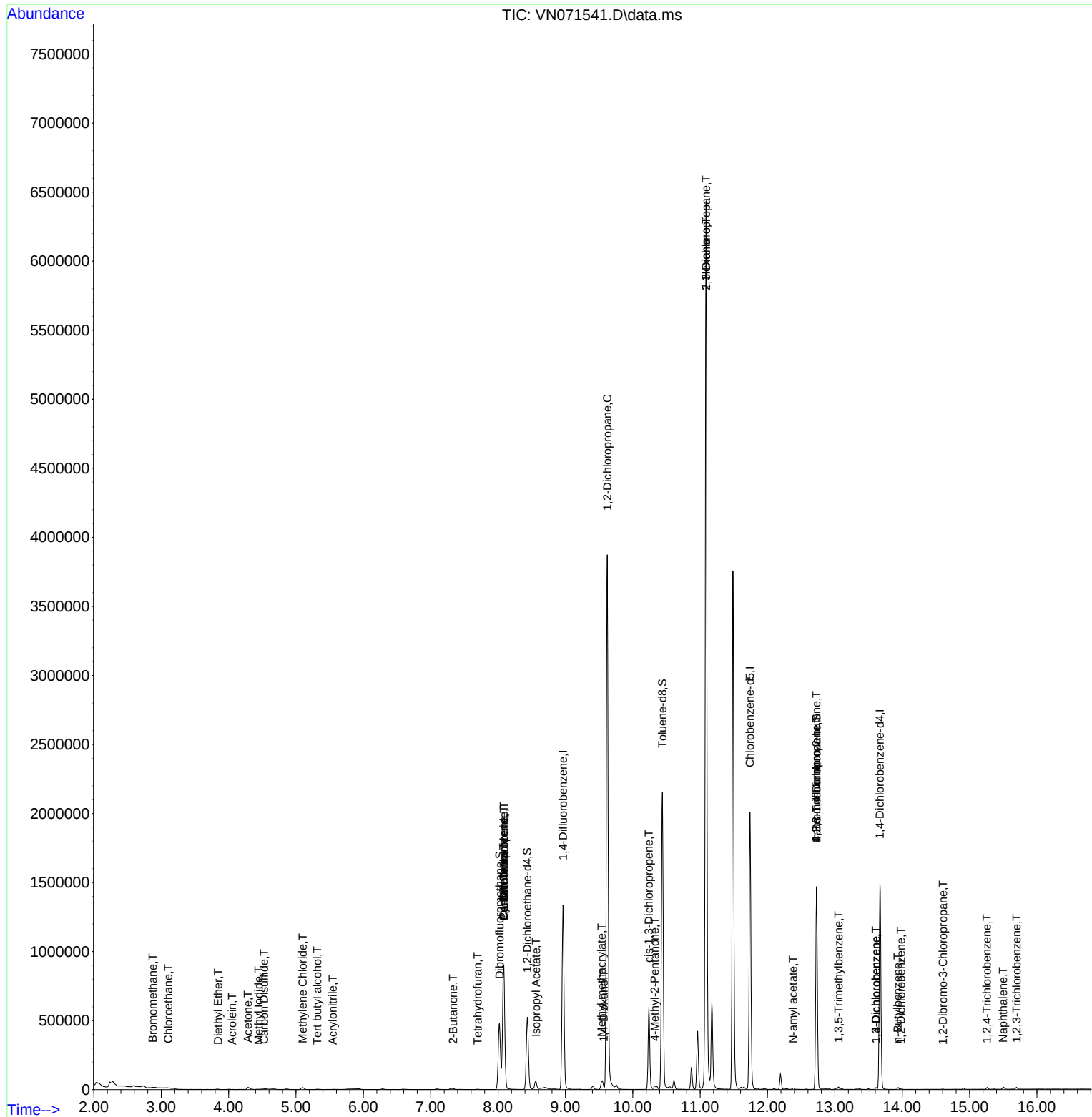
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.498	128	16399	3.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	5575	0.803	ug/l	99

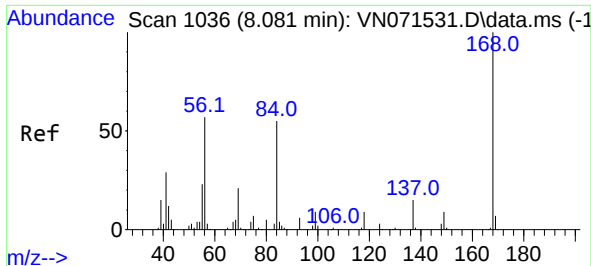
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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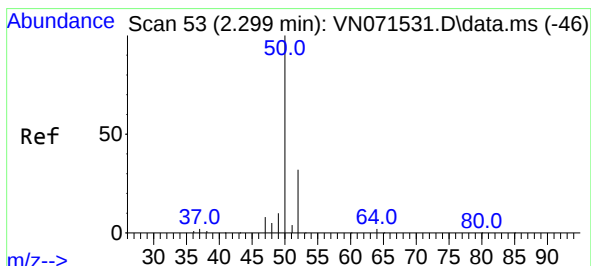
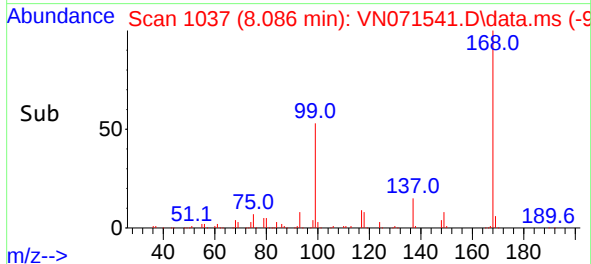
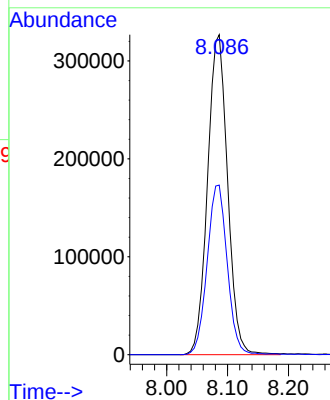
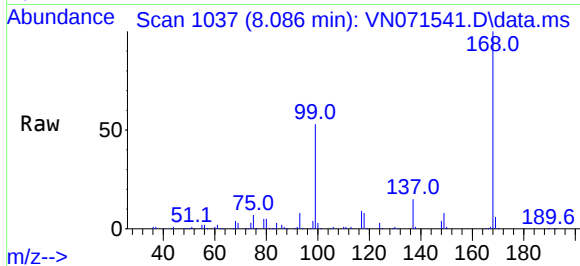




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

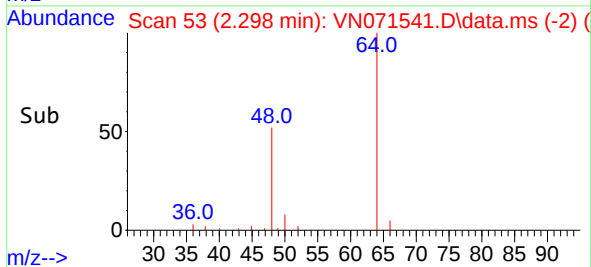
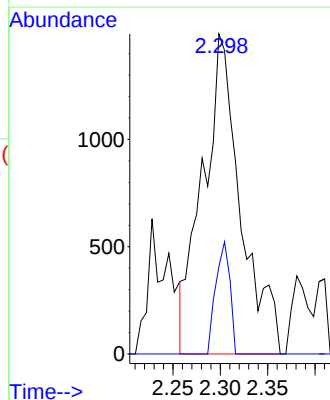
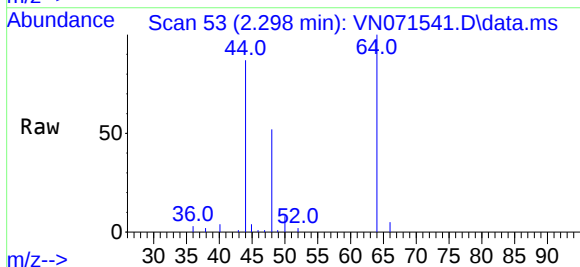
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

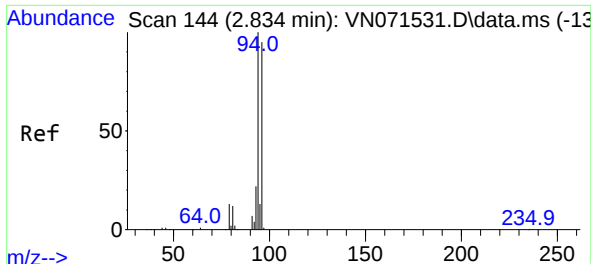
Tgt Ion:168 Resp: 747024
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.298 min Scan# 53
Delta R.T. -0.001 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 50 Resp: 4131
Ion Ratio Lower Upper
50 100
52 27.3 25.7 38.5

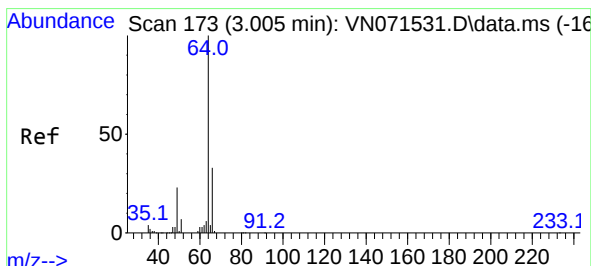
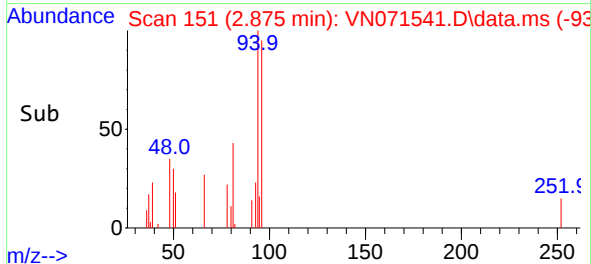
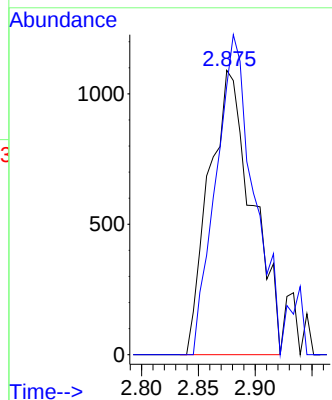
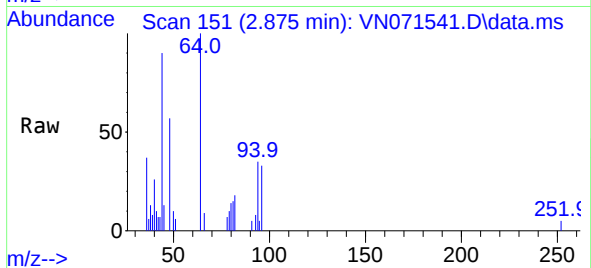




#5
Bromomethane
Concen: 0.519 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

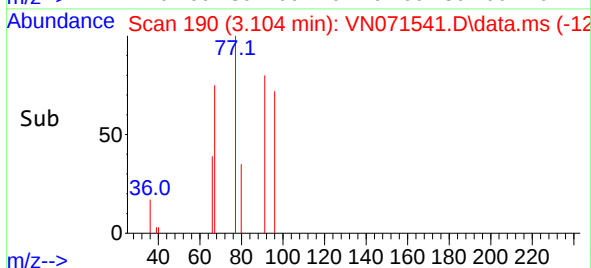
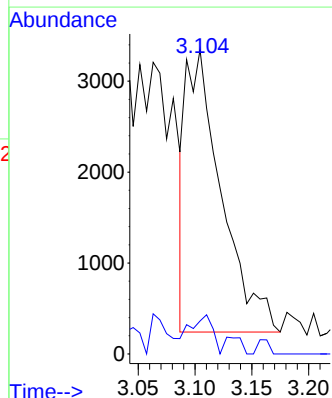
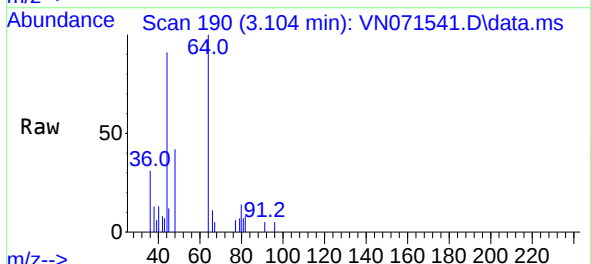
Instrument :
MSVOA_N
ClientSampleId :
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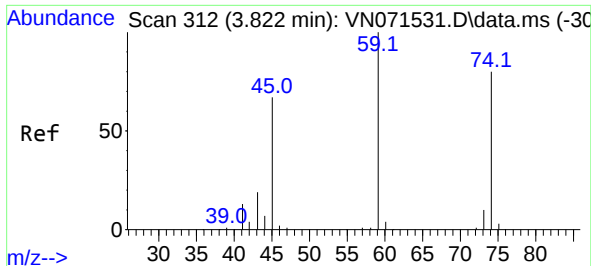
Tgt Ion: 94 Resp: 2877
Ion Ratio Lower Upper
94 100
96 94.6 76.0 114.0



#6
Chloroethane
Concen: 0.966 ug/l
RT: 3.104 min Scan# 190
Delta R.T. 0.099 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 64 Resp: 6809
Ion Ratio Lower Upper
64 100
66 11.6 26.2 39.4#

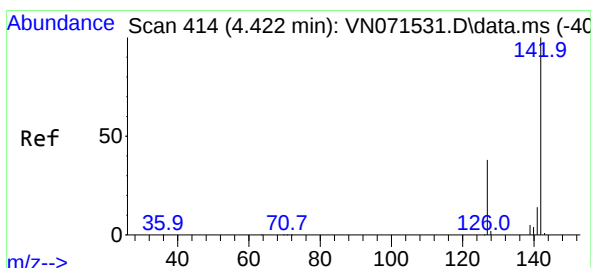
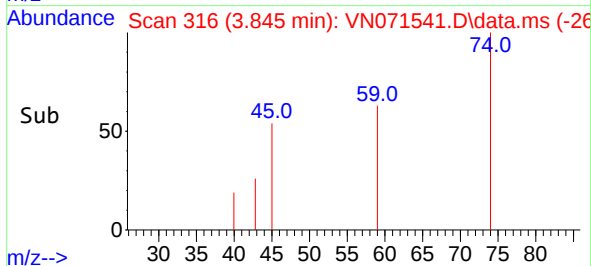
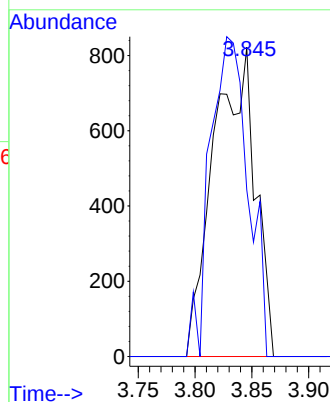
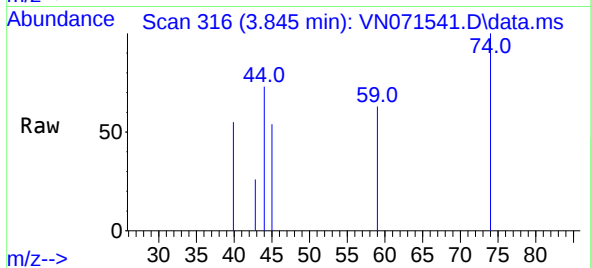




#8
Diethyl Ether
Concen: 0.412 ug/l
RT: 3.845 min Scan# 31
Delta R.T. 0.023 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

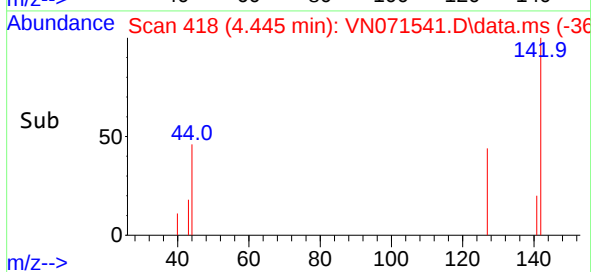
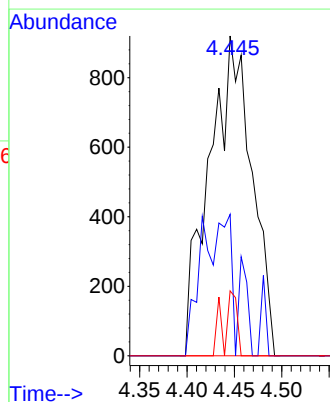
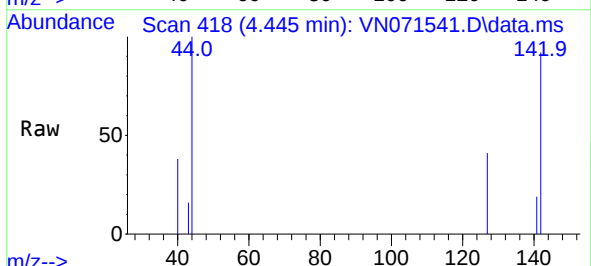
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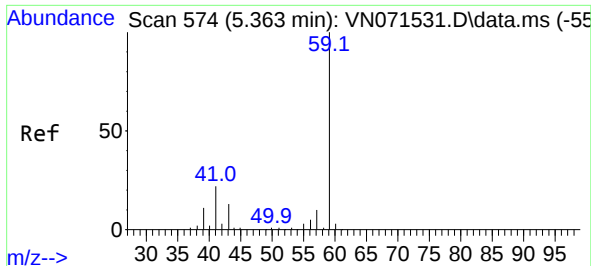
Tgt Ion: 74 Resp: 2085
Ion Ratio Lower Upper
74 100
45 95.0 42.9 128.5



#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 4.445 min Scan# 418
Delta R.T. 0.023 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 142 Resp: 2885
Ion Ratio Lower Upper
142 100
127 14.2 31.3 46.9#
141 6.4 11.2 16.8#

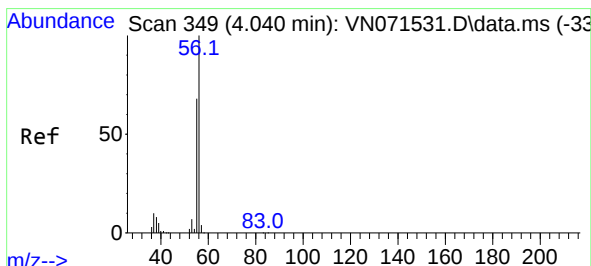
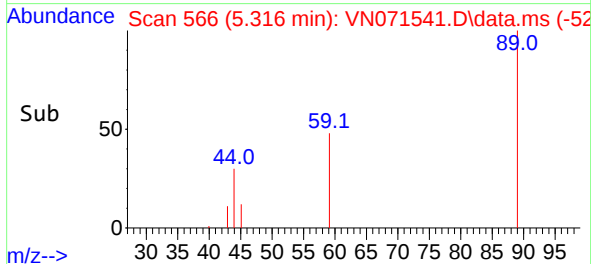
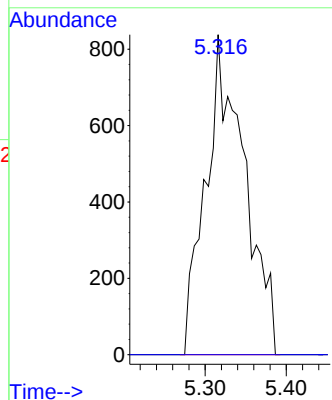
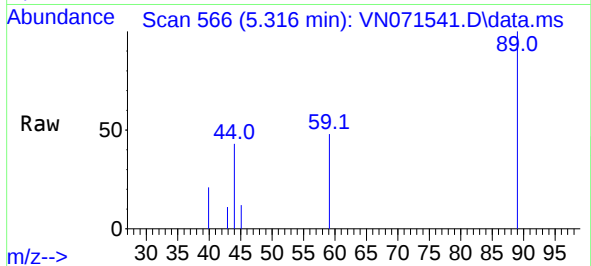




#11
Tert butyl alcohol
Concen: 1.608 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

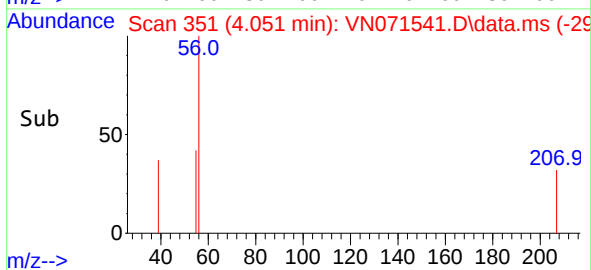
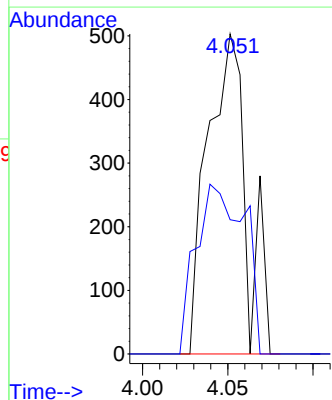
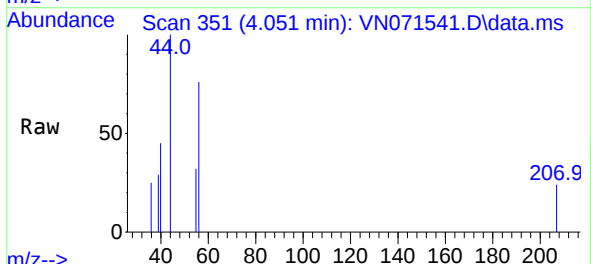
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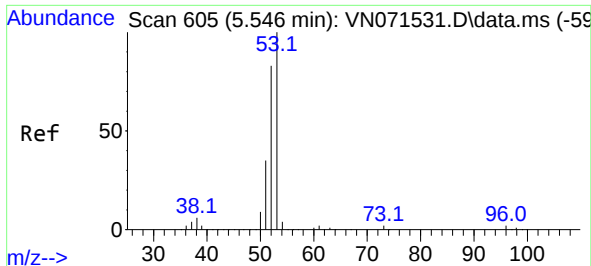
Tgt Ion: 59 Resp: 2781
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.600 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.011 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 56 Resp: 794
Ion Ratio Lower Upper
56 100
55 66.8 54.8 82.2

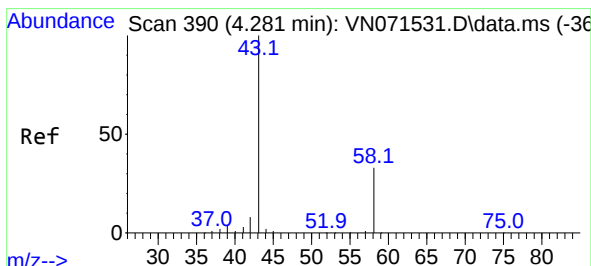
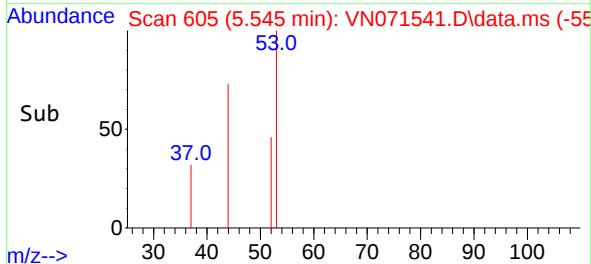
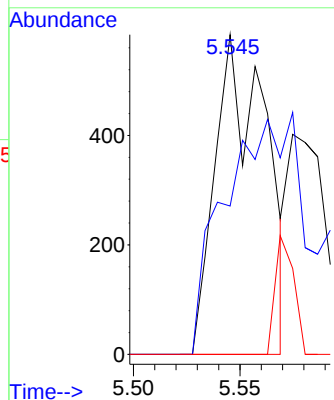
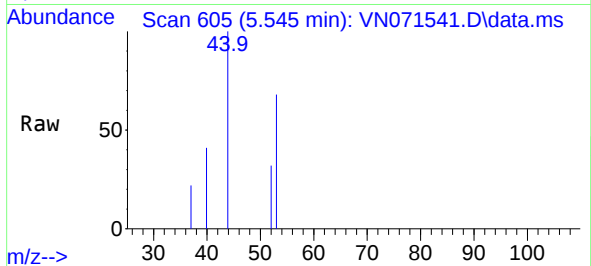




#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

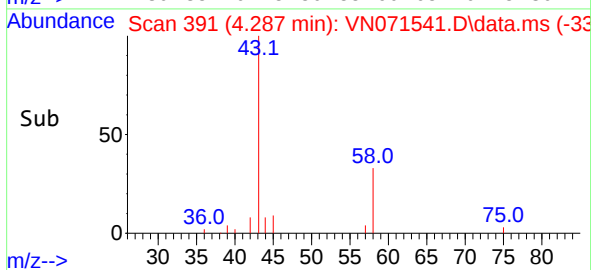
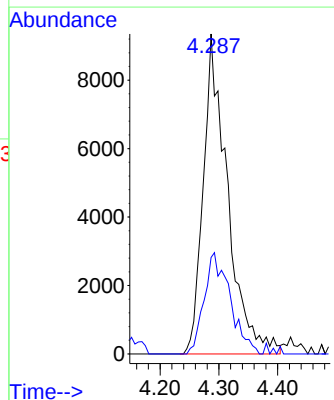
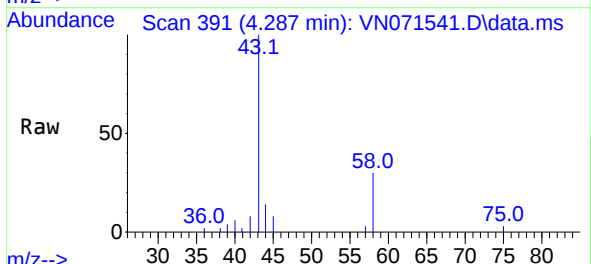
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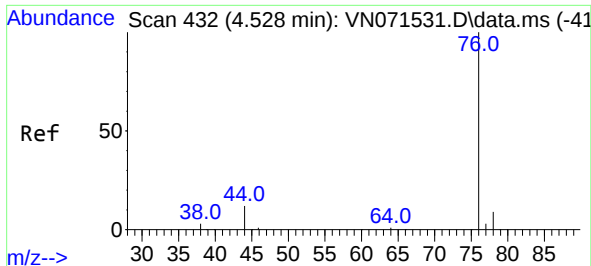
Tgt Ion: 53 Resp: 956
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 7.044 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 43 Resp: 26796
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0

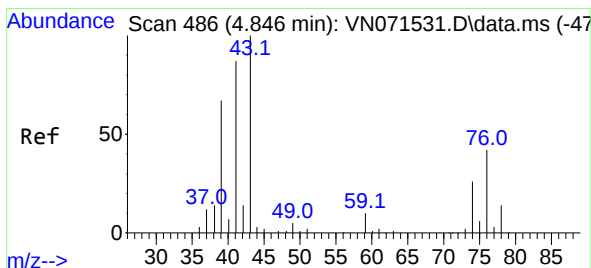
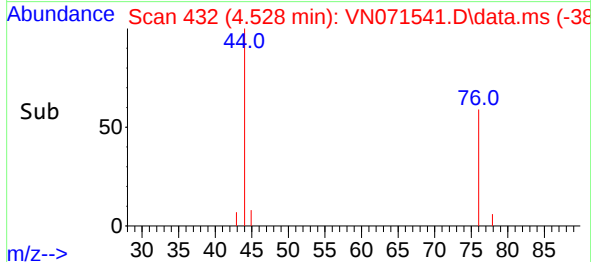
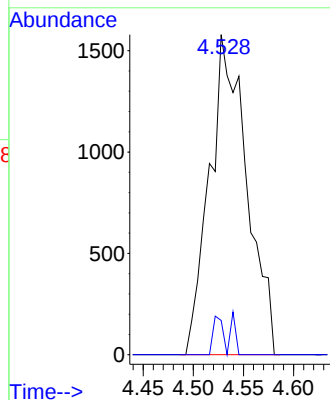
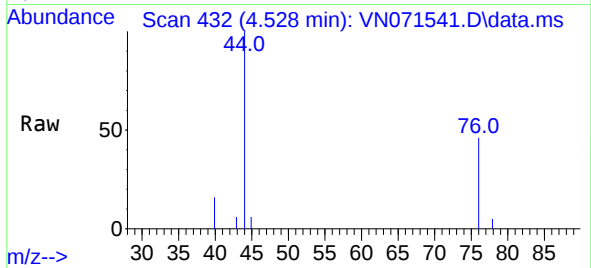




#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

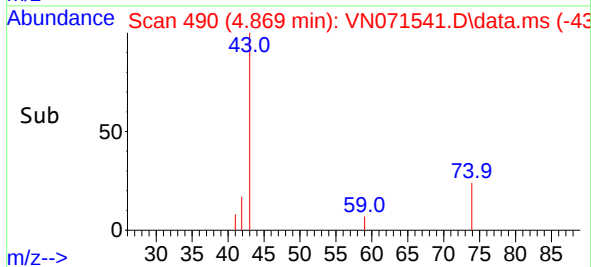
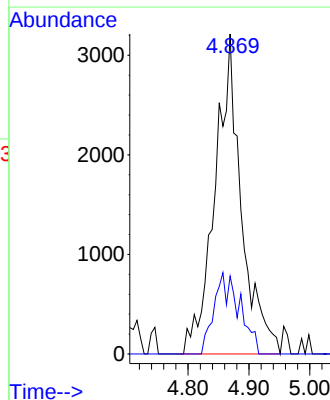
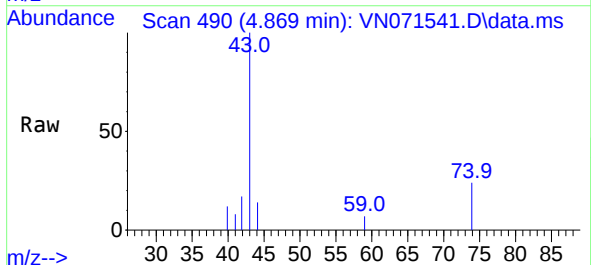
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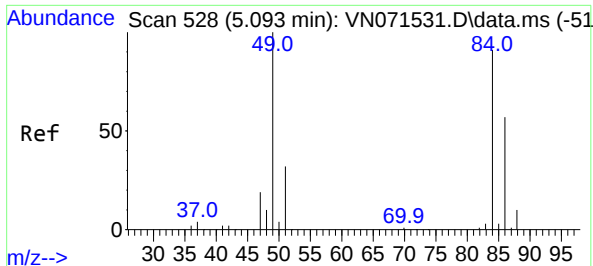
Tgt Ion: 76 Resp: 4077
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 43 Resp: 9736
Ion Ratio Lower Upper
43 100
74 24.4 21.6 32.4



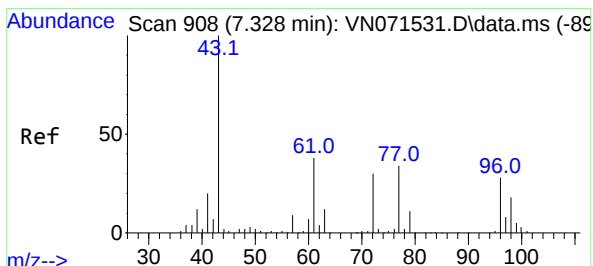
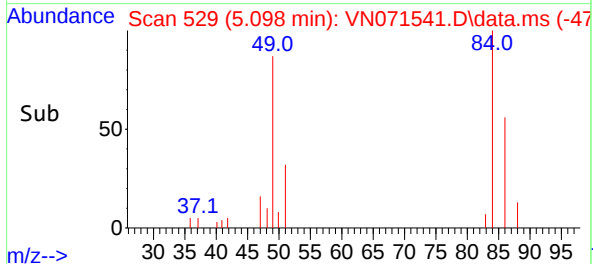
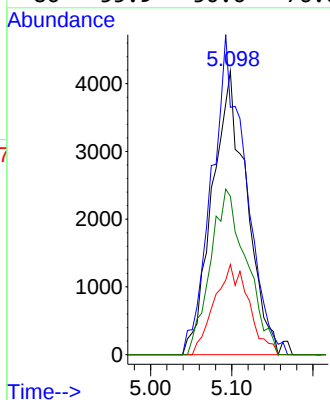
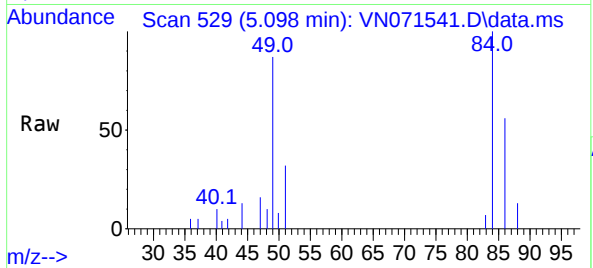


#20
Methylene Chloride
Concen: 1.382 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

Tgt Ion: 84 Resp: 12251

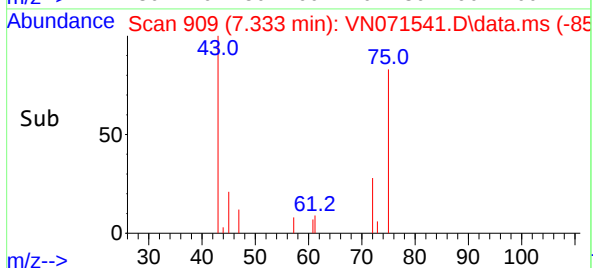
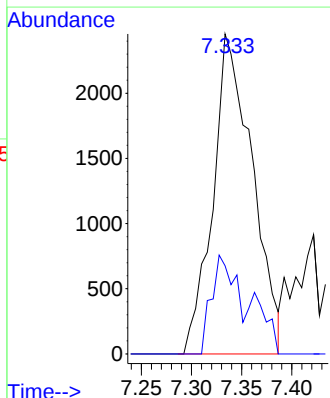
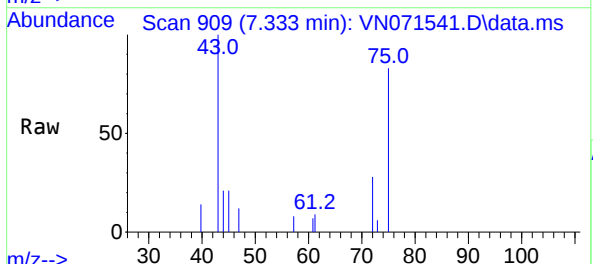
Ion	Ratio	Lower	Upper
84	100		
49	87.3	88.3	132.5#
51	31.8	28.2	42.2
86	55.9	50.6	76.0

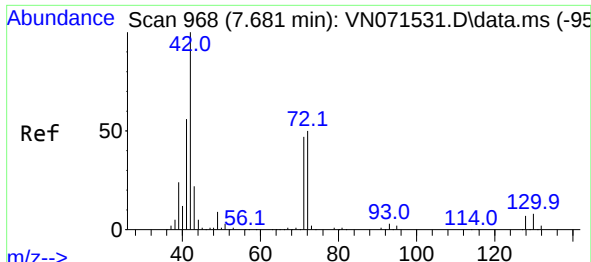


#25
2-Butanone
Concen: 1.098 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 43 Resp: 6700

Ion	Ratio	Lower	Upper
43	100		
72	27.5	23.7	35.5

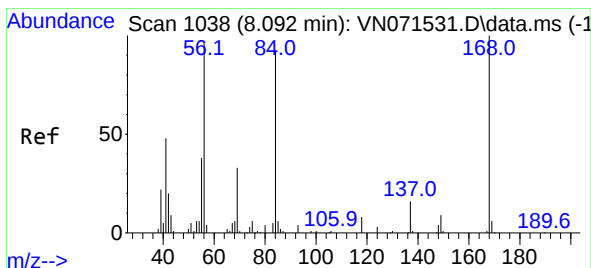
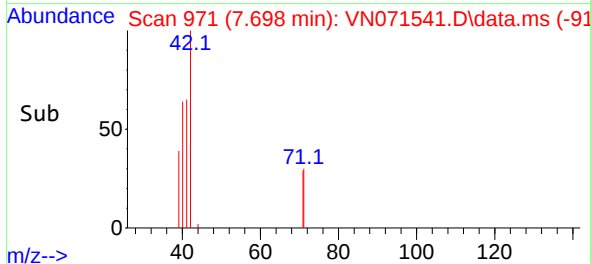
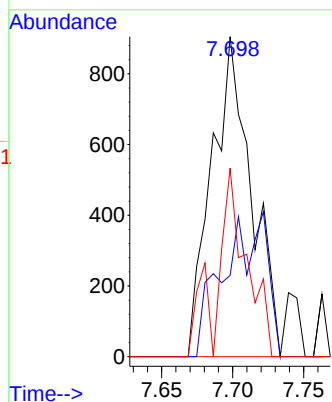
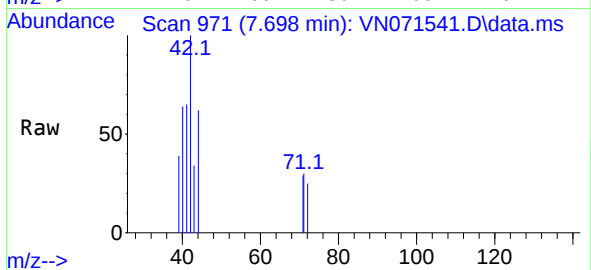




#29
Tetrahydrofuran
Concen: 0.435 ug/l
RT: 7.698 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

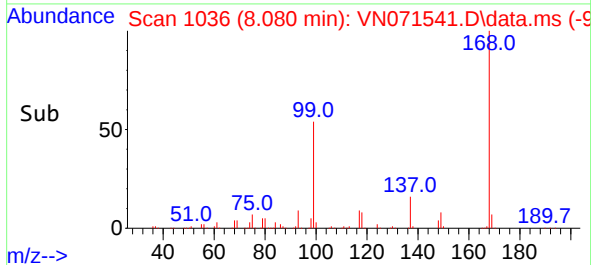
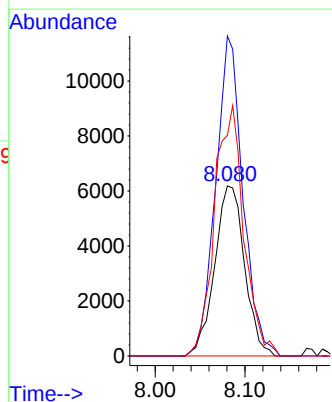
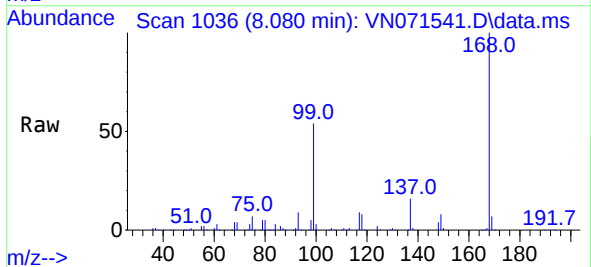
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

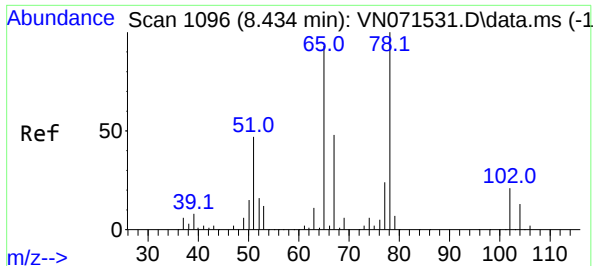
Tgt Ion: 42 Resp: 1767
Ion Ratio Lower Upper
42 100
72 30.2 39.7 59.5#
71 44.5 36.6 55.0



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 56 Resp: 14315
Ion Ratio Lower Upper
56 100
69 188.2 27.8 41.8#
84 129.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.548 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071541.D

Acq: 25 Mar 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

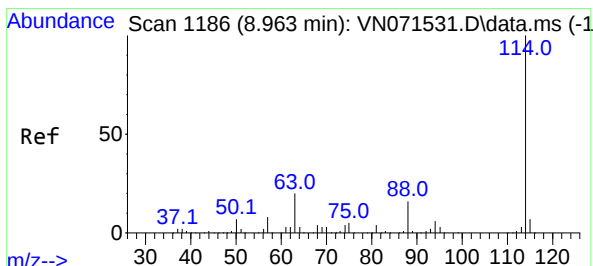
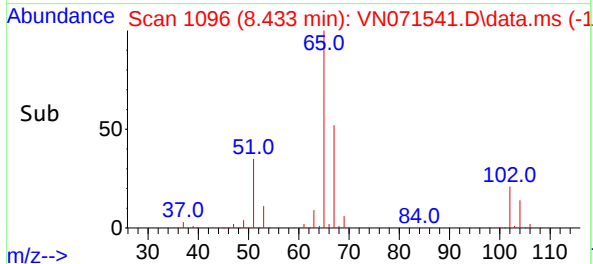
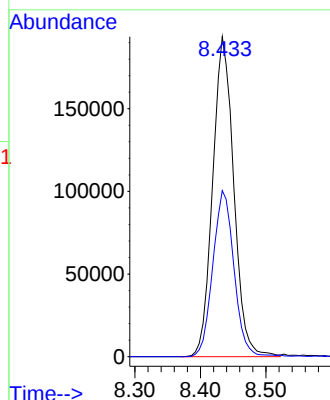
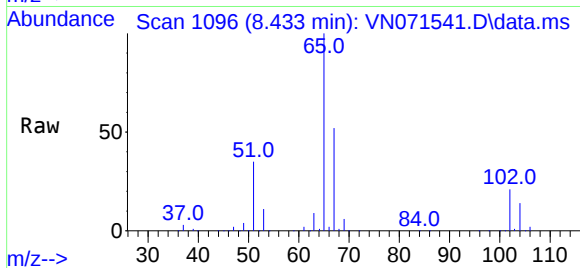
PB143557TB

Tgt Ion: 65 Resp: 432009

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071541.D

Acq: 25 Mar 2022 12:40

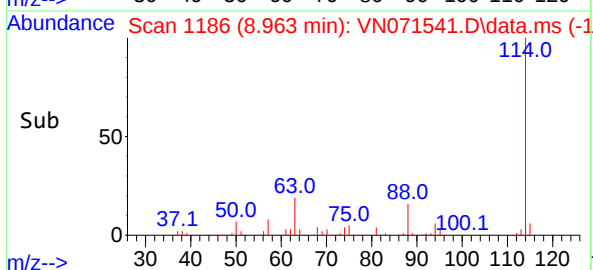
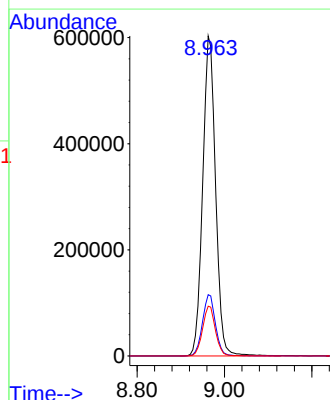
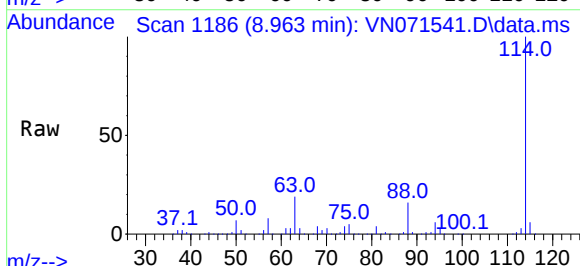
Tgt Ion: 114 Resp: 1237426

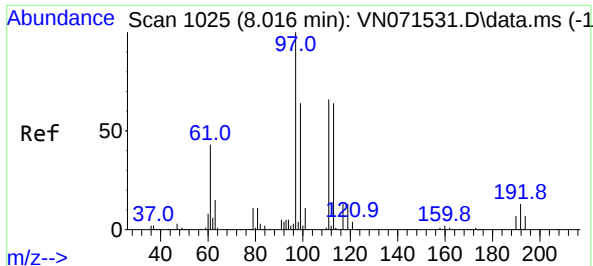
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.013 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071541.D

Acq: 25 Mar 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB143557TB

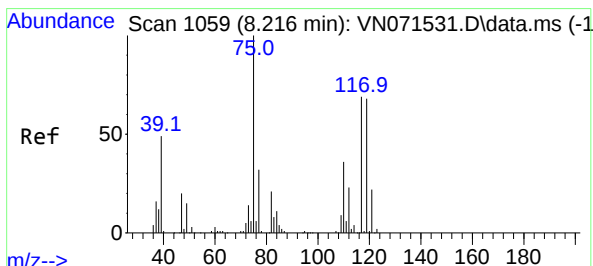
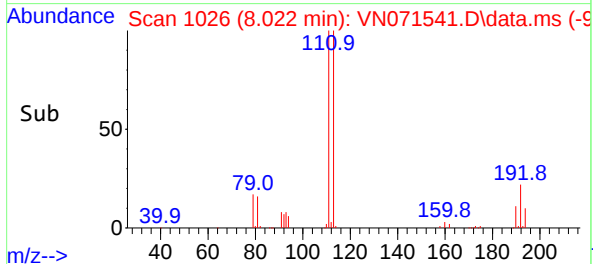
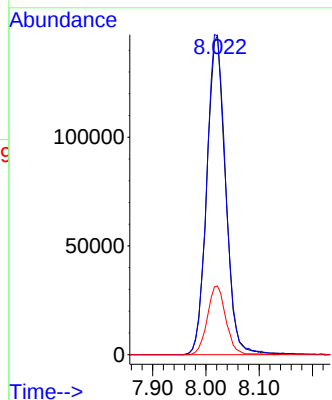
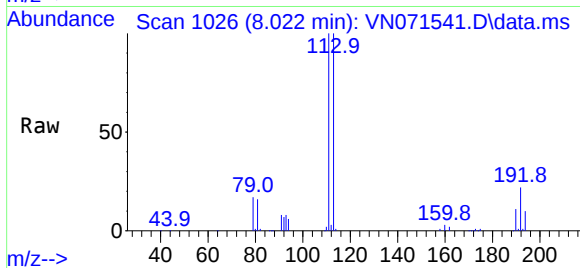
Tgt Ion:113 Resp: 357837

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 21.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN071541.D

Acq: 25 Mar 2022 12:40

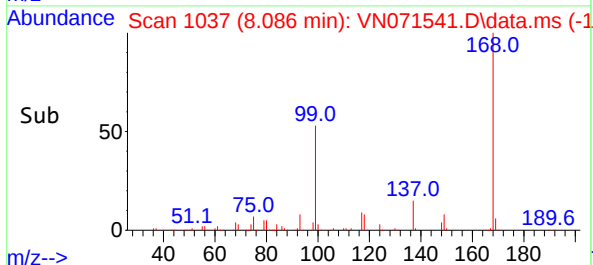
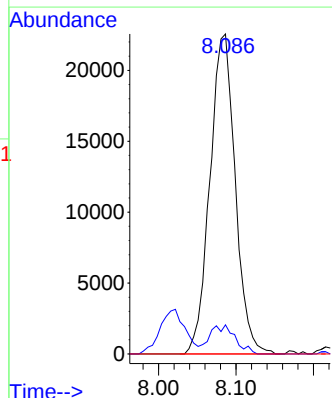
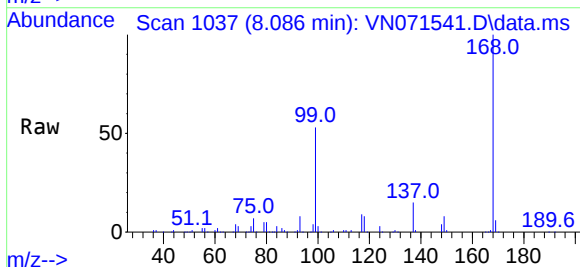
Tgt Ion: 75 Resp: 51355

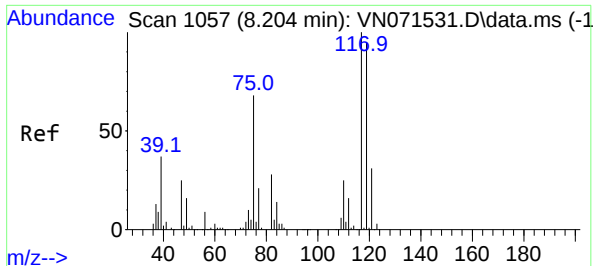
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#

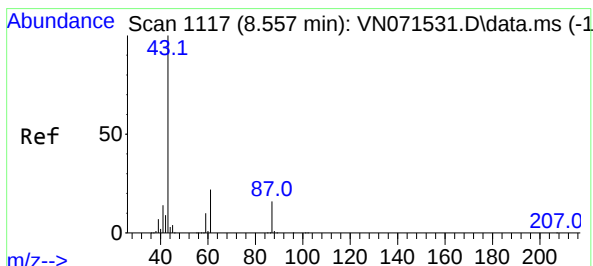
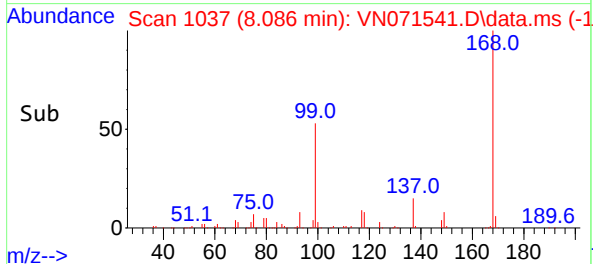
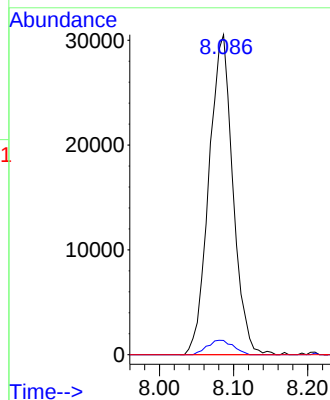
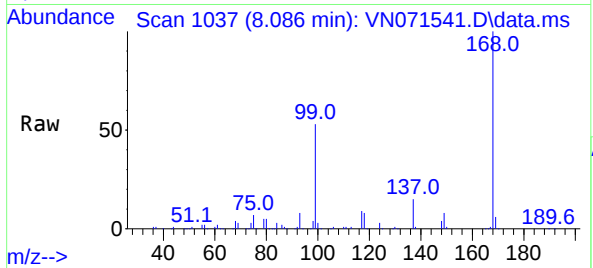




#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 8.086 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

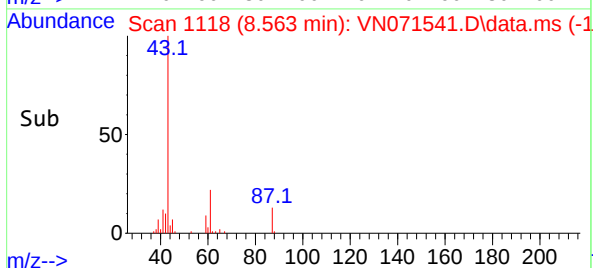
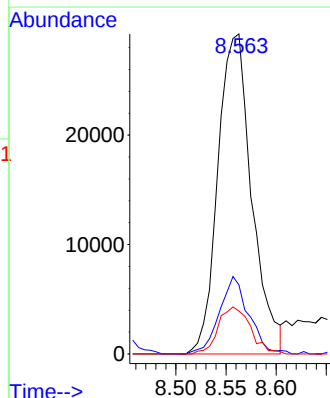
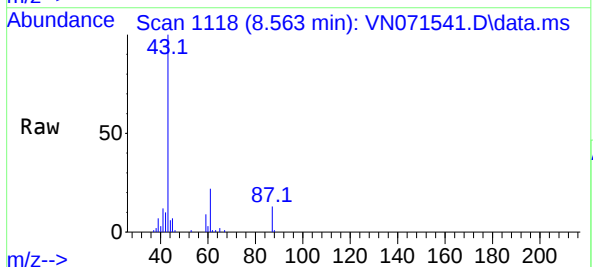
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

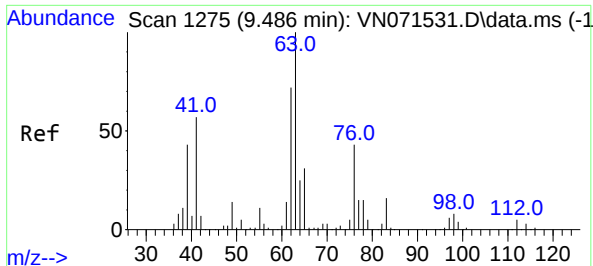
Tgt Ion:117 Resp: 68498
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 3.131 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 43 Resp: 68634
Ion Ratio Lower Upper
43 100
61 21.0 21.9 32.9#
87 14.0 12.0 18.0

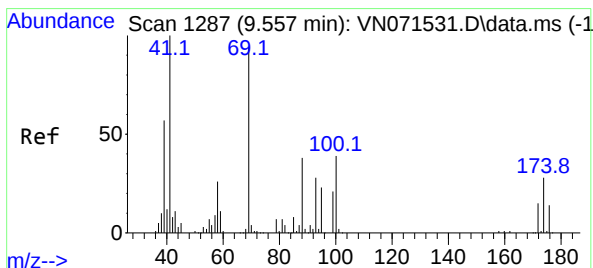
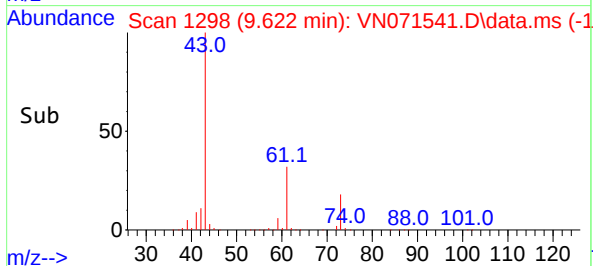
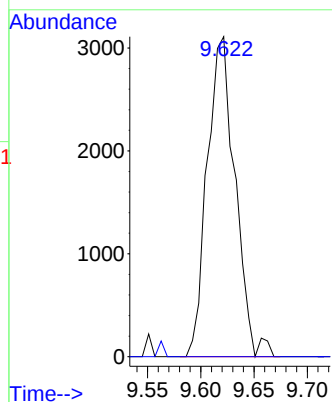
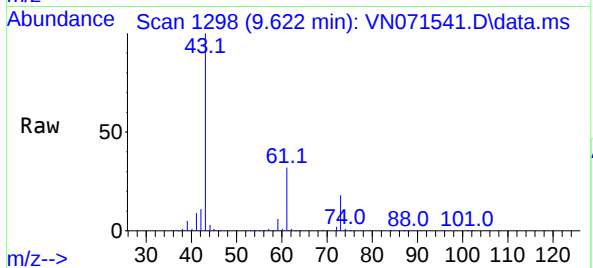




#45
1,2-Dichloropropane
Concen: 0.658 ug/l
RT: 9.622 min Scan# 11
Delta R.T. 0.135 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

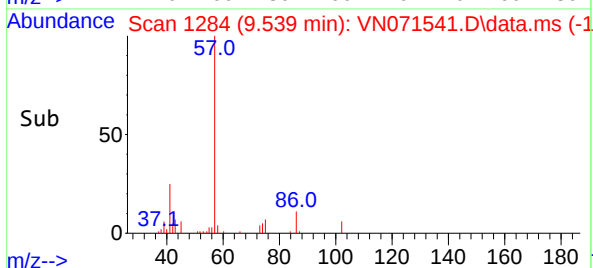
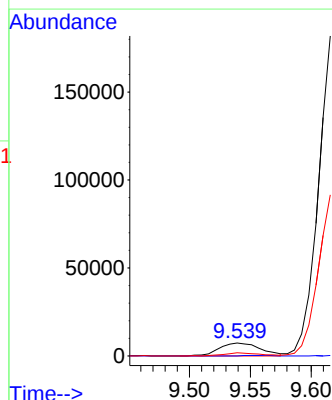
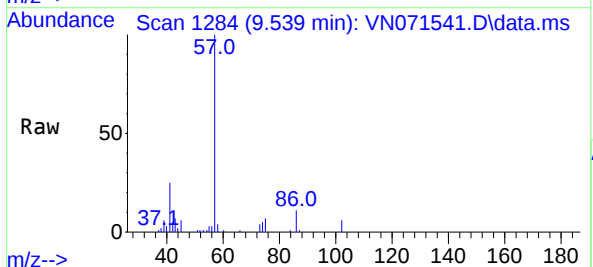
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

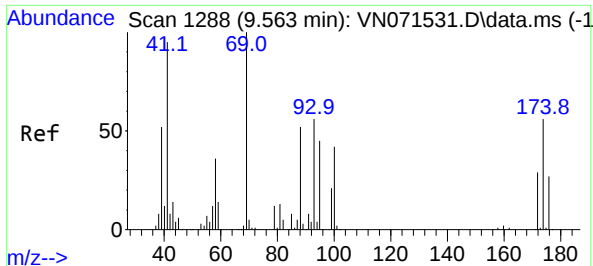
Tgt Ion: 63 Resp: 5685
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.958 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.018 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 41 Resp: 17275
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

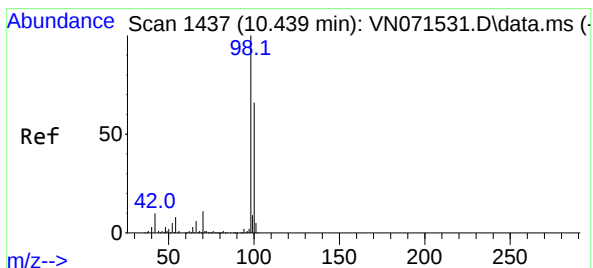
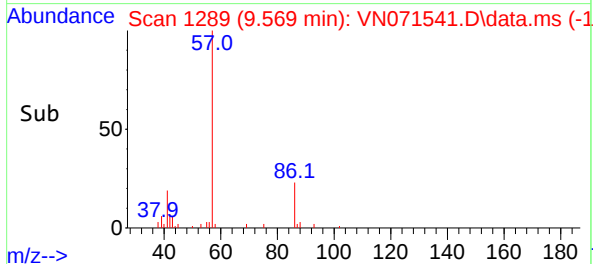
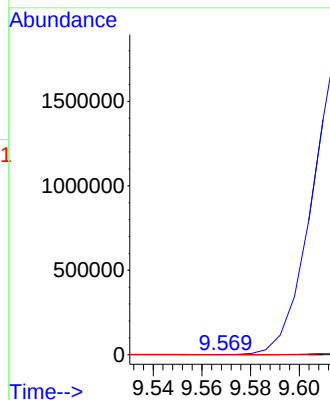
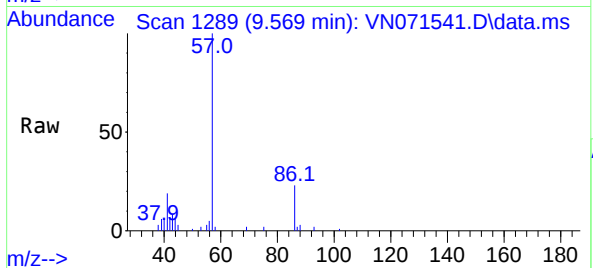




#49
1,4-Dioxane
Concen: 1.243 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

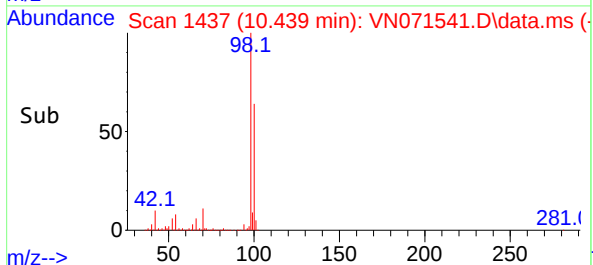
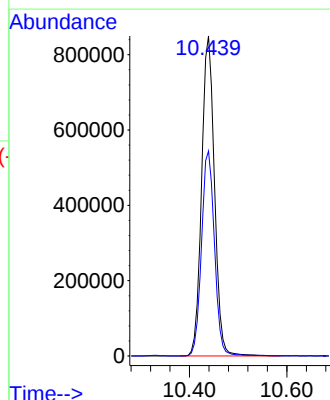
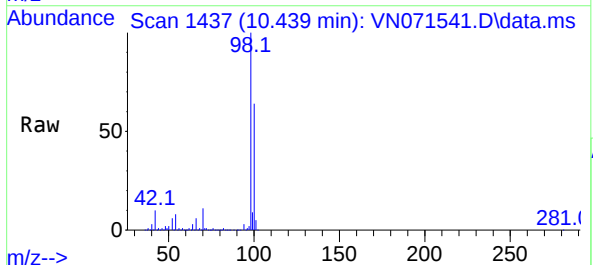
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

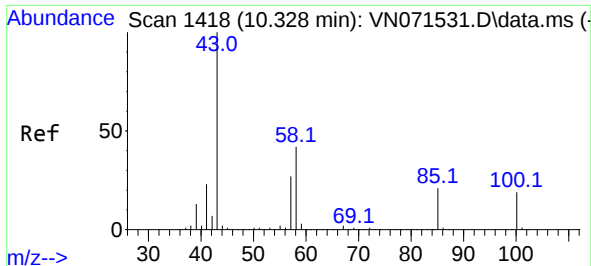
Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 1097.2 54.2 81.4#



#50
Toluene-d8
Concen: 49.627 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 98 Resp: 1556711
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

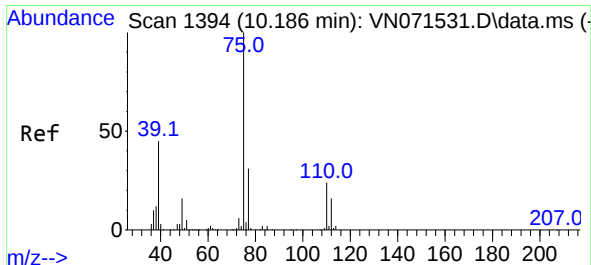
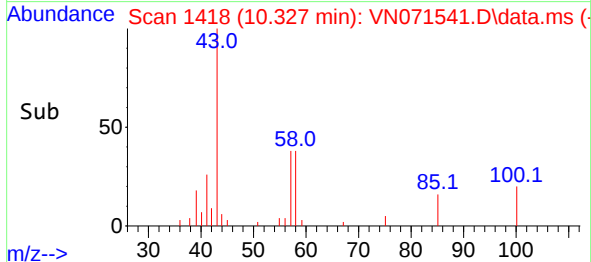
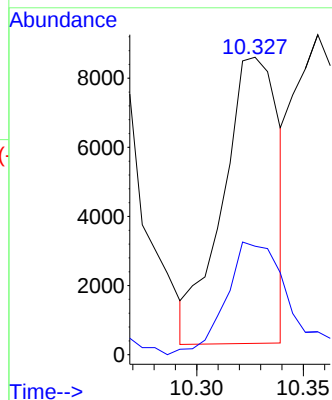
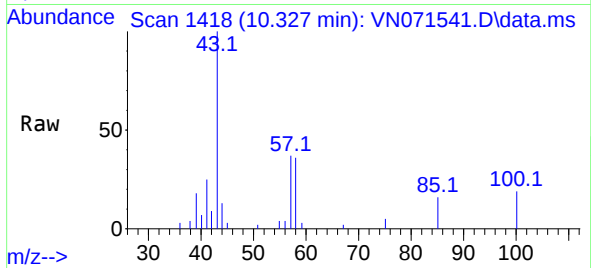




#51
4-Methyl-2-Pentanone
Concen: 1.234 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

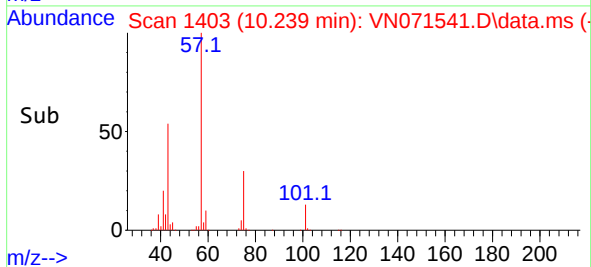
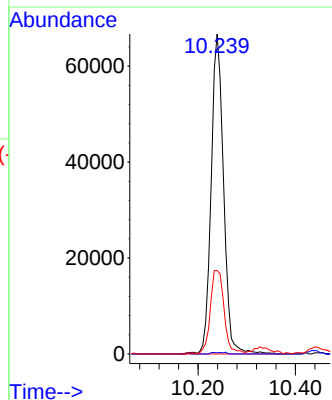
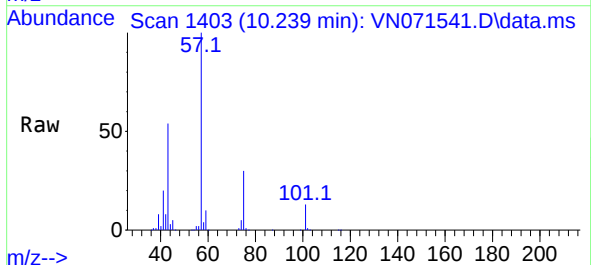
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

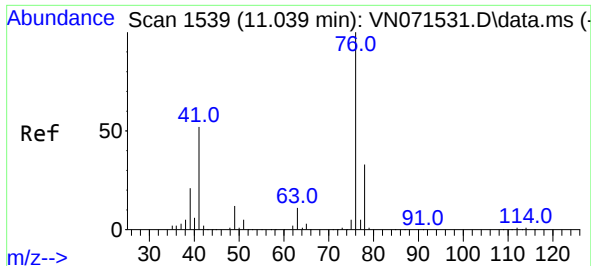
Tgt Ion: 43 Resp: 15094
Ion Ratio Lower Upper
43 100
58 45.4 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 8.604 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 75 Resp: 117678
Ion Ratio Lower Upper
75 100
77 0.4 25.2 37.8#
39 26.1 35.7 53.5#

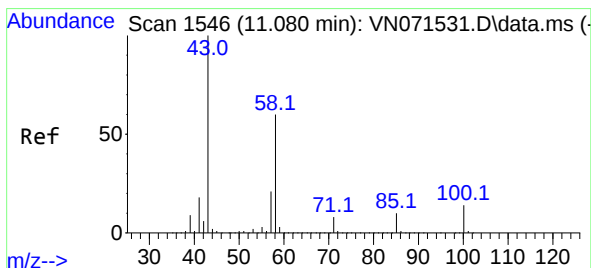
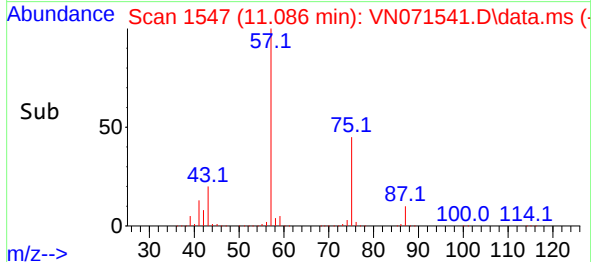
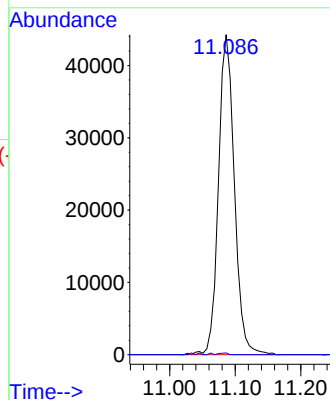
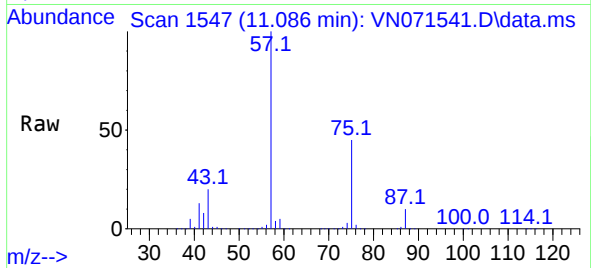




#57
1,3-Dichloropropane
Concen: 4.984 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

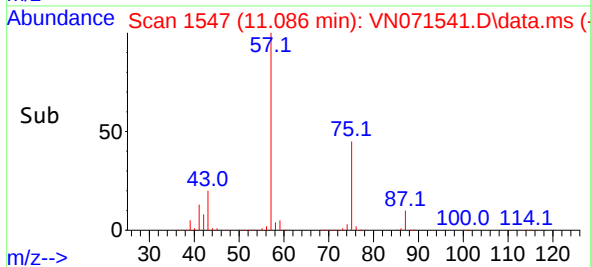
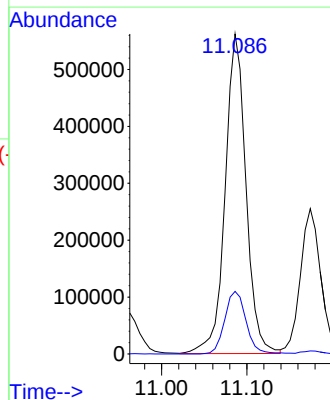
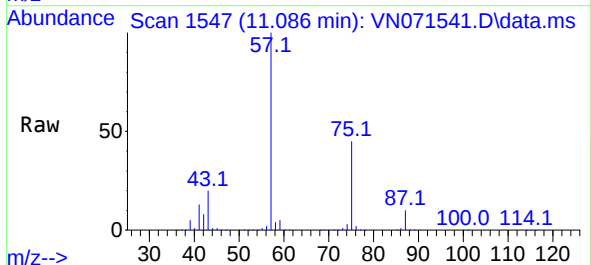
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

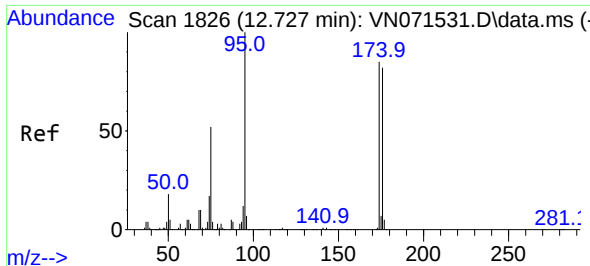
Tgt Ion: 76 Resp: 74273
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#



#59
2-Hexanone
Concen: 108.286 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 43 Resp: 955193
Ion Ratio Lower Upper
43 100
58 20.0 29.7 89.1#

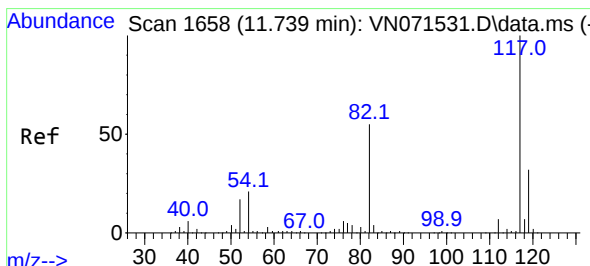
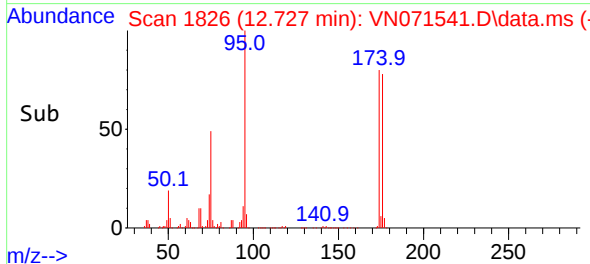
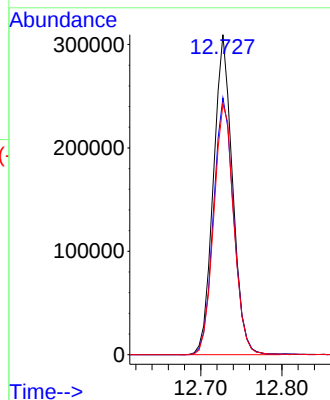
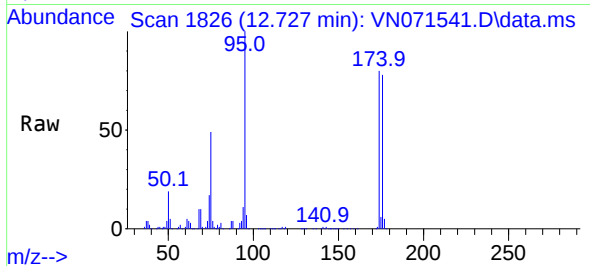




#62
4-Bromofluorobenzene
Concen: 49.339 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

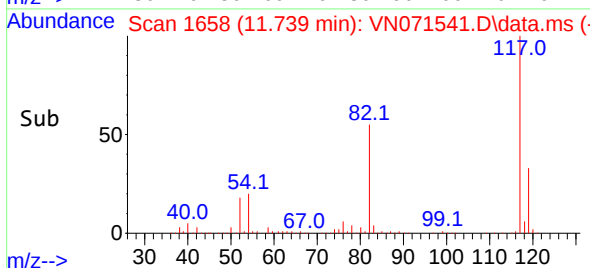
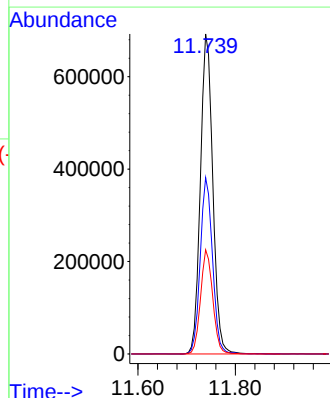
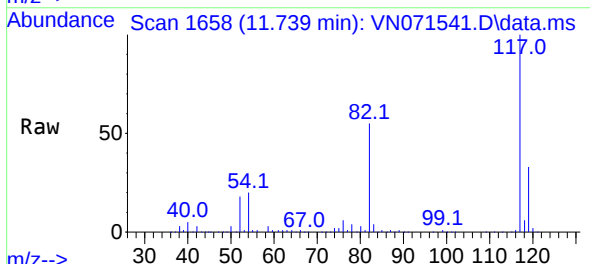
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

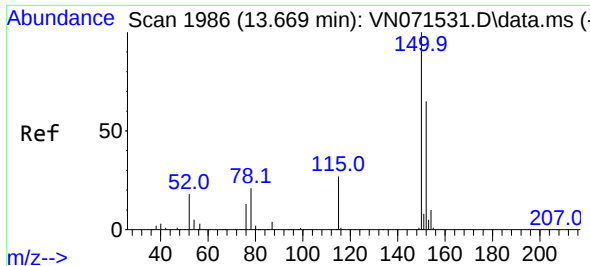
Tgt Ion: 95 Resp: 507111
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 117 Resp: 1226686
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.6 25.4 38.0

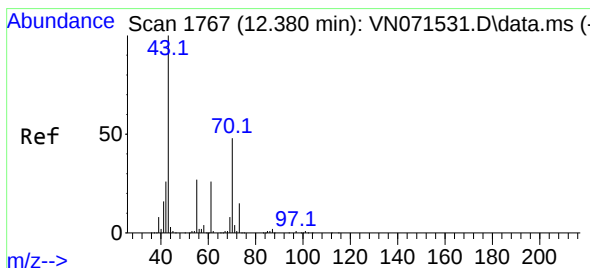
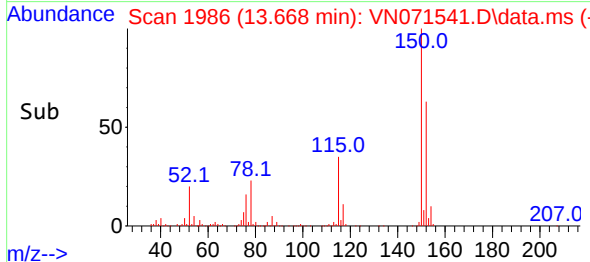
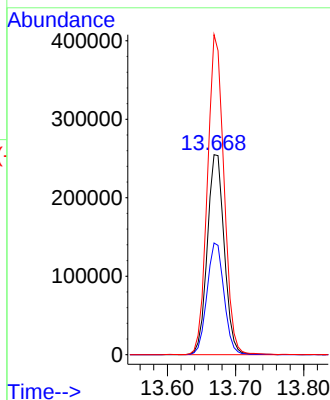
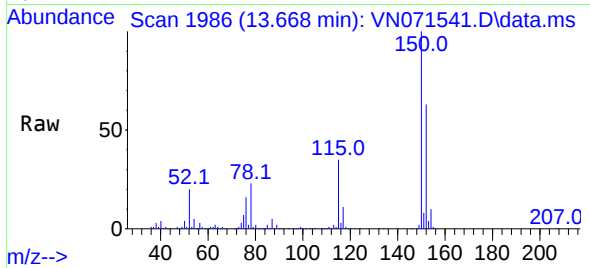




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

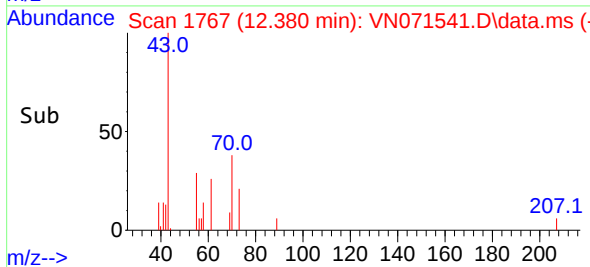
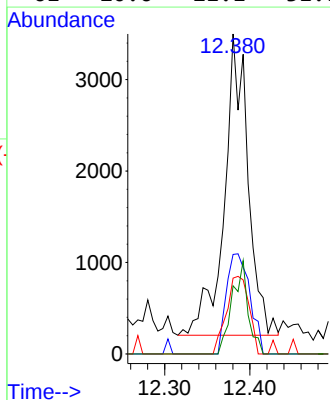
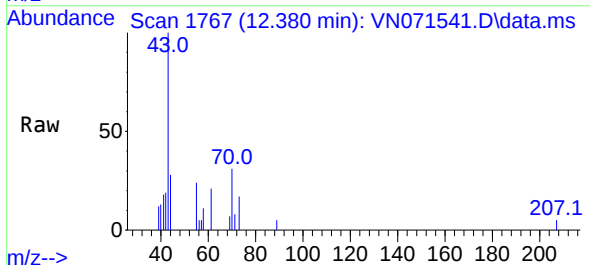
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

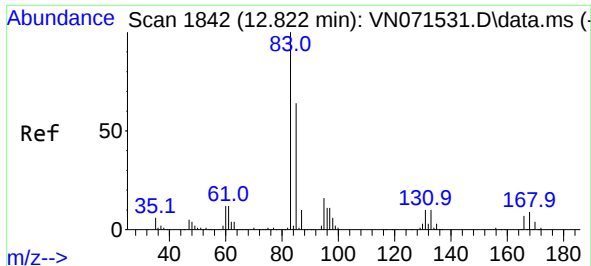
Tgt Ion:152 Resp: 441873
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 156.2 0.0 356.2



#74
N-ethyl acetate
Concen: 0.512 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
70 32.7 39.0 58.4#
55 24.3 21.1 31.7
61 20.6 21.1 31.7#

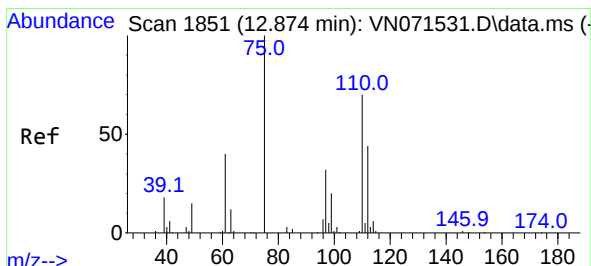
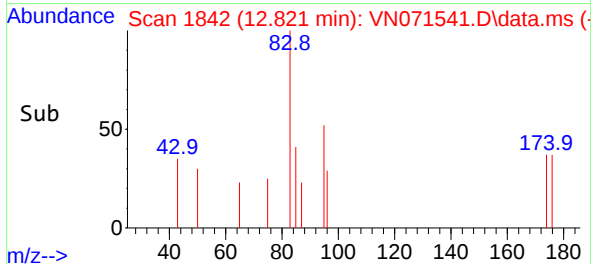
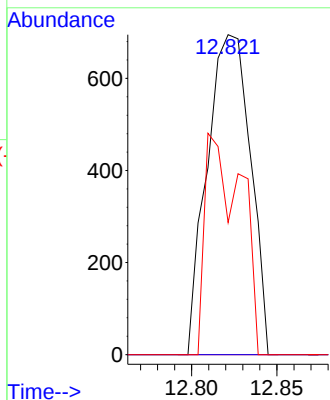
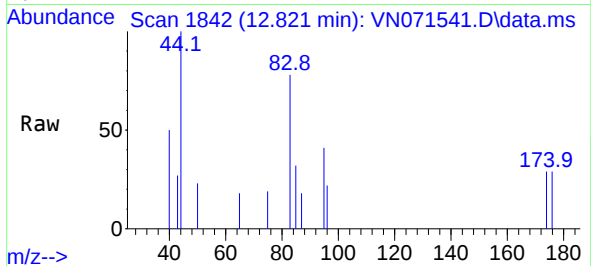




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

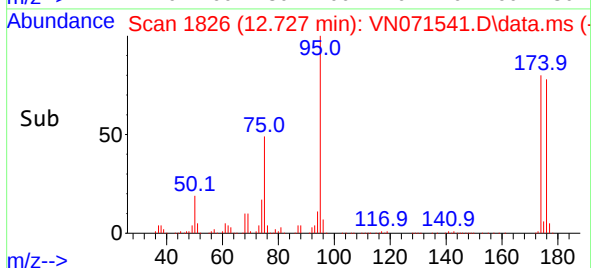
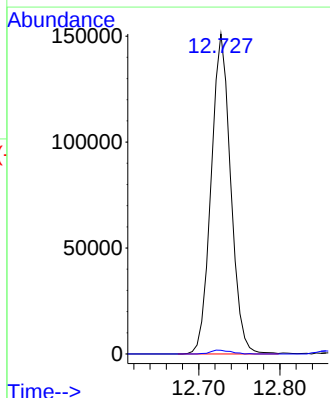
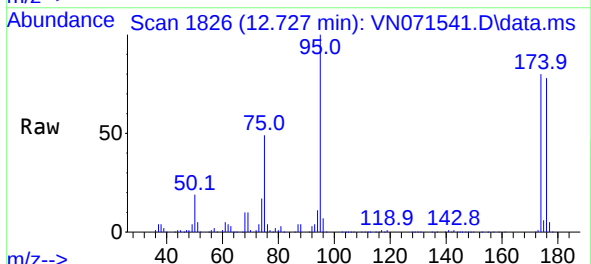
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

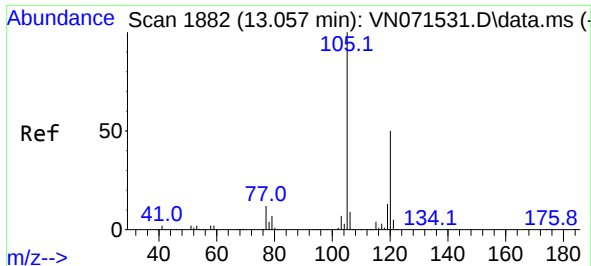
Tgt Ion: 83 Resp: 1228
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 57.3 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 25.687 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 75 Resp: 253097
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

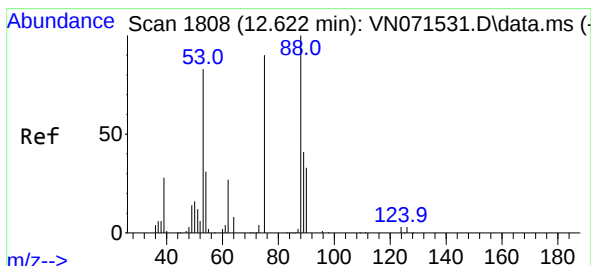
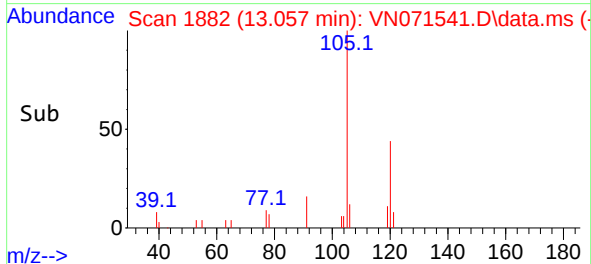
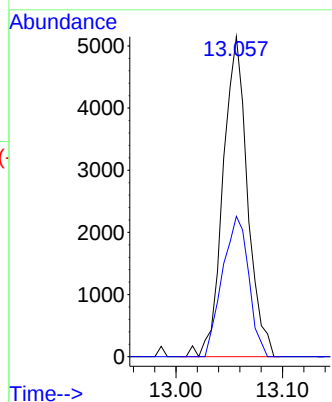
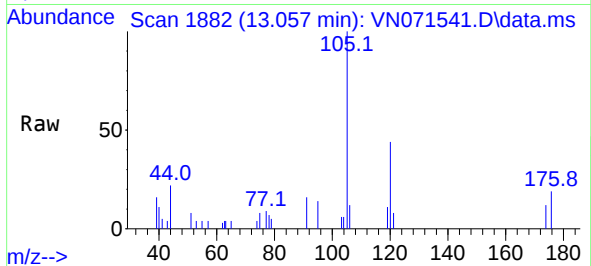




#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

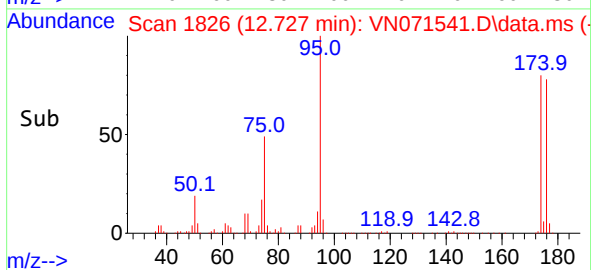
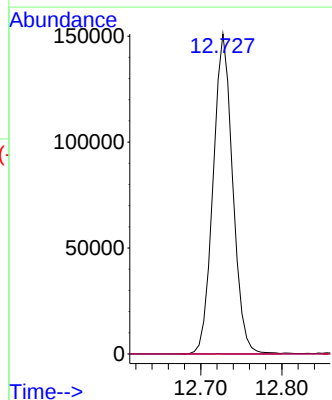
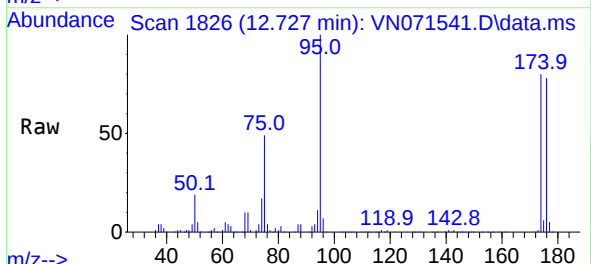
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

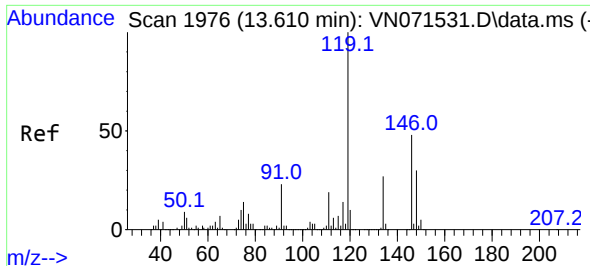
Tgt Ion:105 Resp: 8210
Ion Ratio Lower Upper
105 100
120 47.1 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 68.771 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 75 Resp: 253097
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#87

1,3-Dichlorobenzene

Concen: 0.243 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071541.D

Acq: 25 Mar 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB143557TB

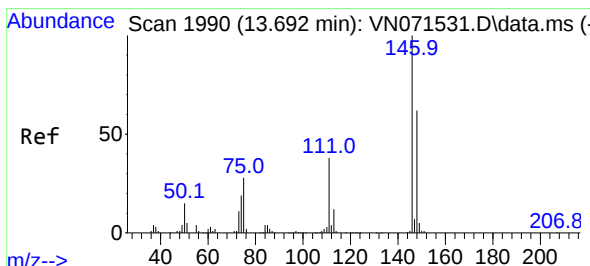
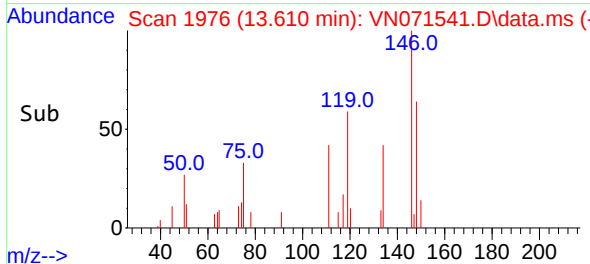
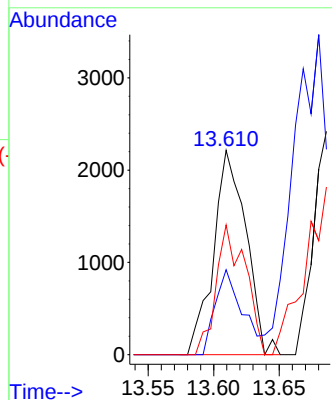
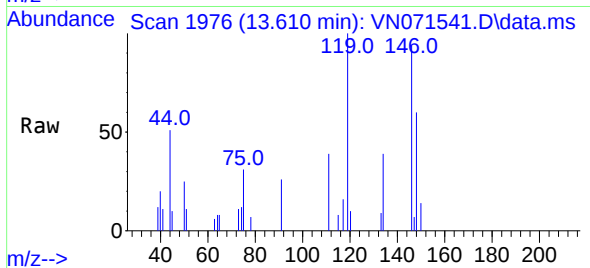
Tgt Ion:146 Resp: 3827

Ion Ratio Lower Upper

146 100

111 34.1 20.0 60.0

148 57.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.246 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.083 min

Lab File: VN071541.D

Acq: 25 Mar 2022 12:40

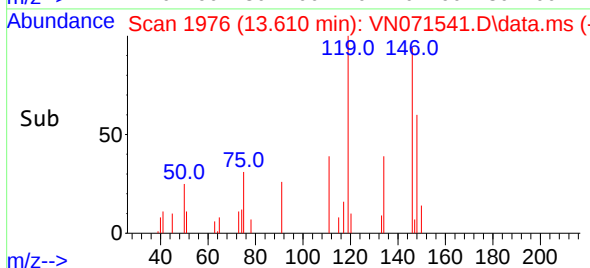
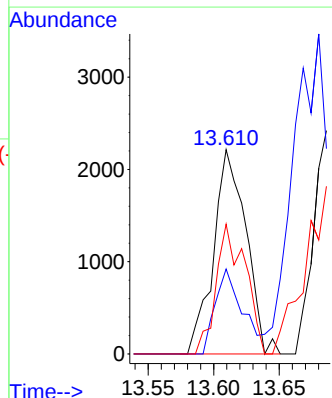
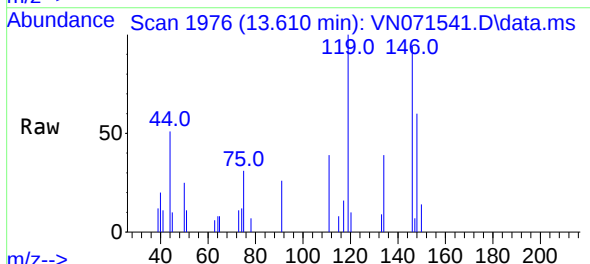
Tgt Ion:146 Resp: 3827

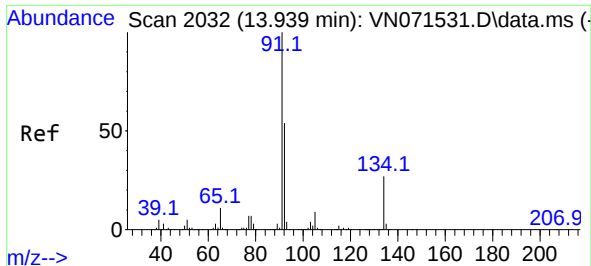
Ion Ratio Lower Upper

146 100

111 34.1 19.1 57.1

148 57.1 31.4 94.3

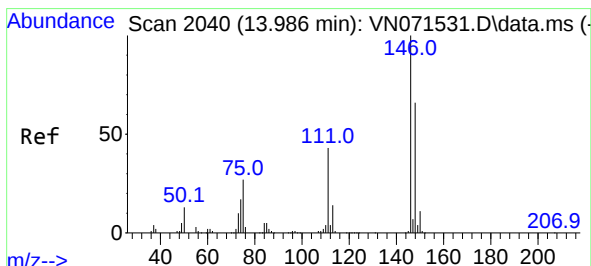
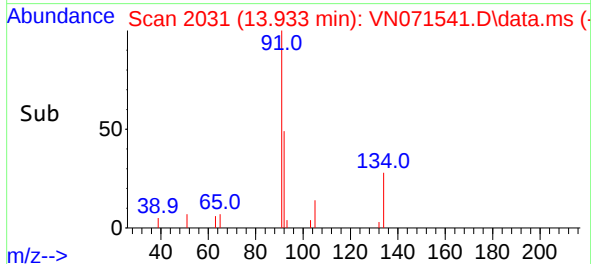
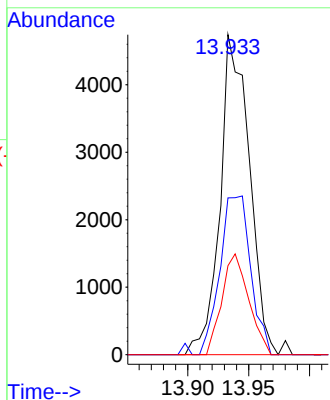
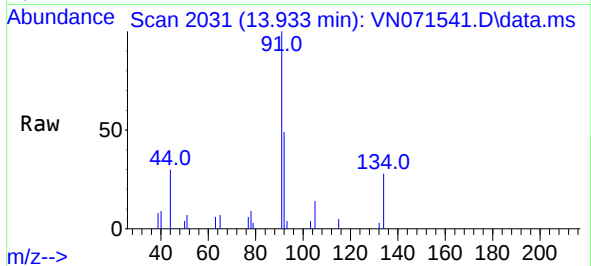




#89
n-Butylbenzene
Concen: 0.353 ug/l
RT: 13.933 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

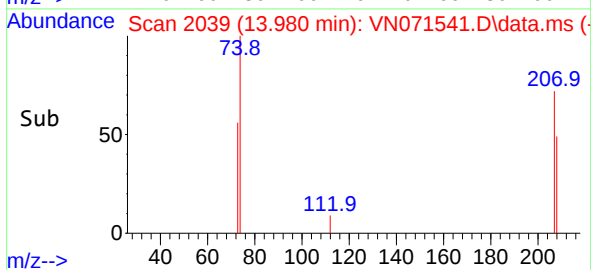
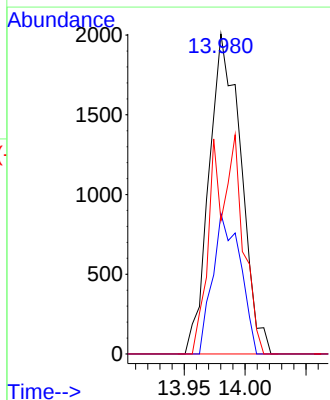
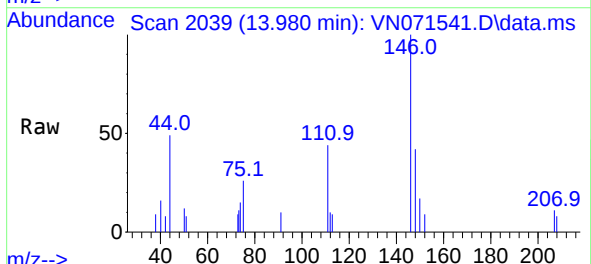
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

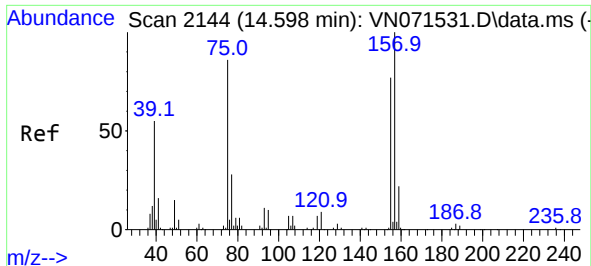
Tgt Ion: 91	Resp: 7933		
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.9	80.7
134	28.9	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 0.242 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion:146	Resp:	3655	
Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.9	62.8
148	65.0	32.1	96.3

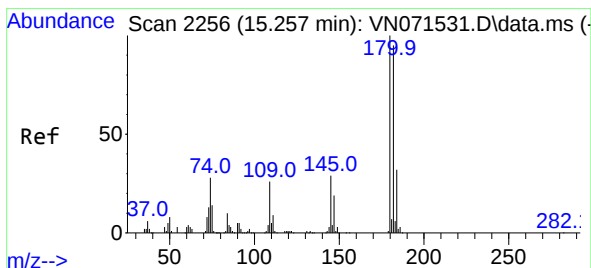
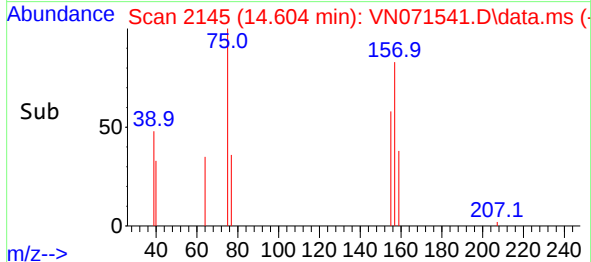
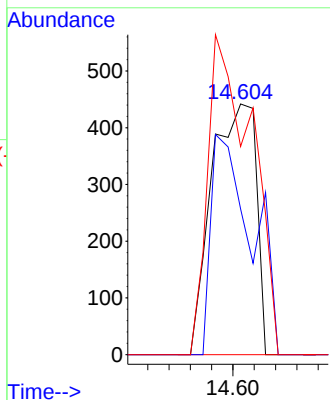
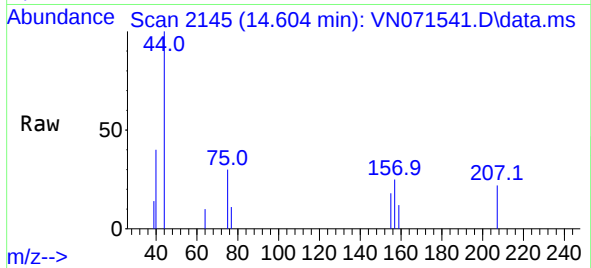




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.279 ug/l
RT: 14.604 min Scan# 2144
Delta R.T. 0.006 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

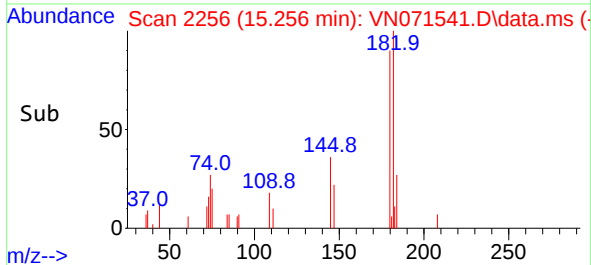
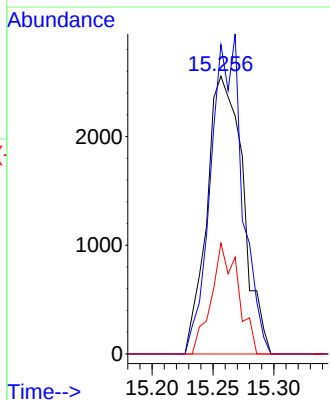
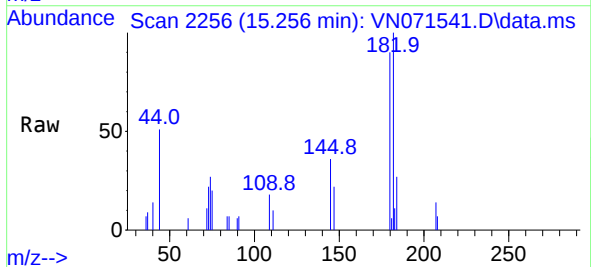
Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

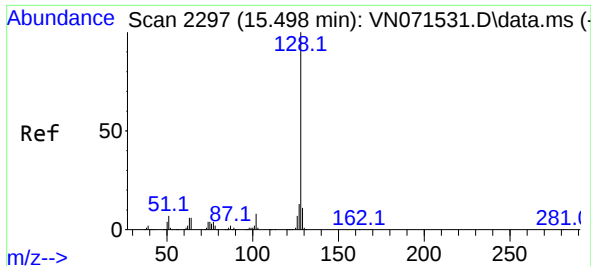
Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
155 80.2 44.9 134.5
157 125.5 59.0 176.8



#93
1,2,4-Trichlorobenzene
Concen: 0.753 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion: 180 Resp: 5270
Ion Ratio Lower Upper
180 100
182 100.3 47.5 142.5
145 29.7 14.5 43.5

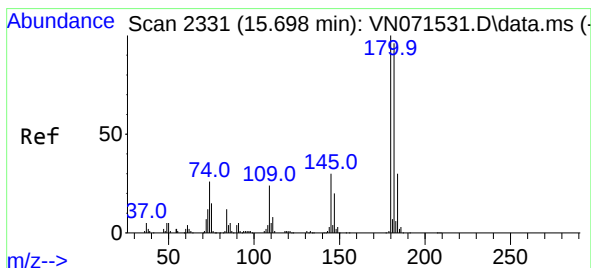
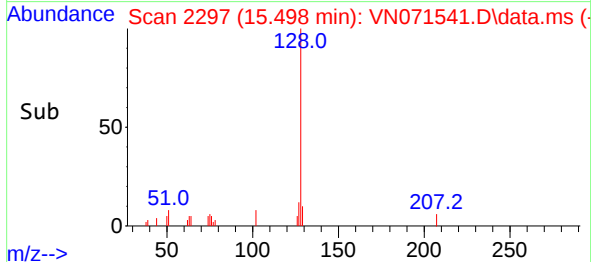
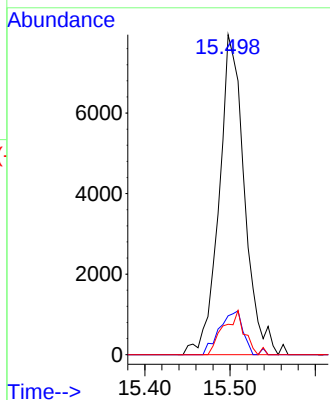
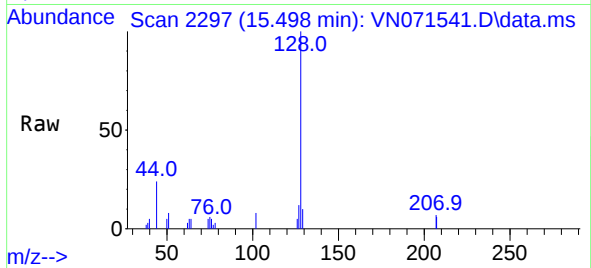




#95
Naphthalene
Concen: 3.897 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
PB143557TB

Tgt Ion:	128	Resp:	16399
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.803 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071541.D
Acq: 25 Mar 2022 12:40

Tgt Ion:	180	Resp:	5575
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	29.6	15.5	46.5

