

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071149.D
 Acq On : 03 Mar 2022 13:33
 Operator : JC\MD
 Sample : PB143059TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143059TB

Quant Time: Mar 04 01:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	844441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1357527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1234943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	411703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	516900	53.586	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.180%
35) Dibromofluoromethane	8.022	113	395970	49.039	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.080%
50) Toluene-d8	10.439	98	1687223	52.032	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.727	95	565511	48.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	3420	0.310	ug/l #	74
5) Bromomethane	2.863	94	2174	0.347	ug/l	93
11) Tert butyl alcohol	5.351	59	579	0.329	ug/l #	71
13) Acrolein	4.057	56	1201	0.765	ug/l #	69
15) Acrylonitrile	5.563	53	1943	0.375	ug/l #	85
16) Acetone	4.292	43	70637	13.297	ug/l	90
18) Methyl Acetate	4.863	43	9963	0.257	ug/l	96
20) Methylene Chloride	5.098	84	315994	32.729	ug/l	92
25) 2-Butanone	7.345	43	14969	2.118	ug/l	99
29) Tetrahydrofuran	7.692	42	2593	0.566	ug/l #	86
31) Cyclohexane	8.080	56	16763	1.005	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	65170	4.926	ug/l #	49
37) Ethyl Acetate	7.404	43	3011	0.212	ug/l #	68
38) Carbon Tetrachloride	8.080	117	82606	6.338	ug/l #	17
43) Isopropyl Acetate	8.557	43	84789	3.792	ug/l #	88
45) 1,2-Dichloropropane	9.621	63	5825	0.581	ug/l #	44
48) Methyl methacrylate	9.545	41	21883	2.067	ug/l #	8
49) 1,4-Dioxane	9.557	88	419	2.229	ug/l #	1
51) 4-Methyl-2-Pentanone	10.327	43	21473	1.578	ug/l #	85
54) cis-1,3-Dichloropropene	10.239	75	121782	7.650	ug/l #	59
57) 1,3-Dichloropropane	11.086	76	74326	4.464	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.239	63	164	31.845	ug/l #	45
59) 2-Hexanone	11.086	43	1158556	123.810	ug/l #	50
74) N-amyl acetate	12.392	43	13826	1.305	ug/l #	90
76) 1,2,3-Trichloropropane	12.727	75	288639	29.776	ug/l #	1
77) Bromobenzene	12.851	156	1811	0.223	ug/l	77
80) 1,3,5-Trimethylbenzene	13.057	105	8694	0.324	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.727	75	288639	96.489	ug/l #	5
82) 4-Chlorotoluene	13.104	91	5483	0.250	ug/l	89
84) 1,2,4-Trimethylbenzene	13.357	105	5653	0.214	ug/l	90
86) p-Isopropyltoluene	13.609	119	5523	0.201	ug/l	95
87) 1,3-Dichlorobenzene	13.615	146	4491	0.313	ug/l	94
88) 1,4-Dichlorobenzene	13.615	146	4491	0.319	ug/l	94
89) n-Butylbenzene	13.945	91	11024	0.491	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	5078	0.377	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.592	75	1214	0.712	ug/l	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
Data File : VN071149.D
Acq On : 03 Mar 2022 13:33
Operator : JC\MD
Sample : PB143059TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

Quant Time: Mar 04 01:13:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

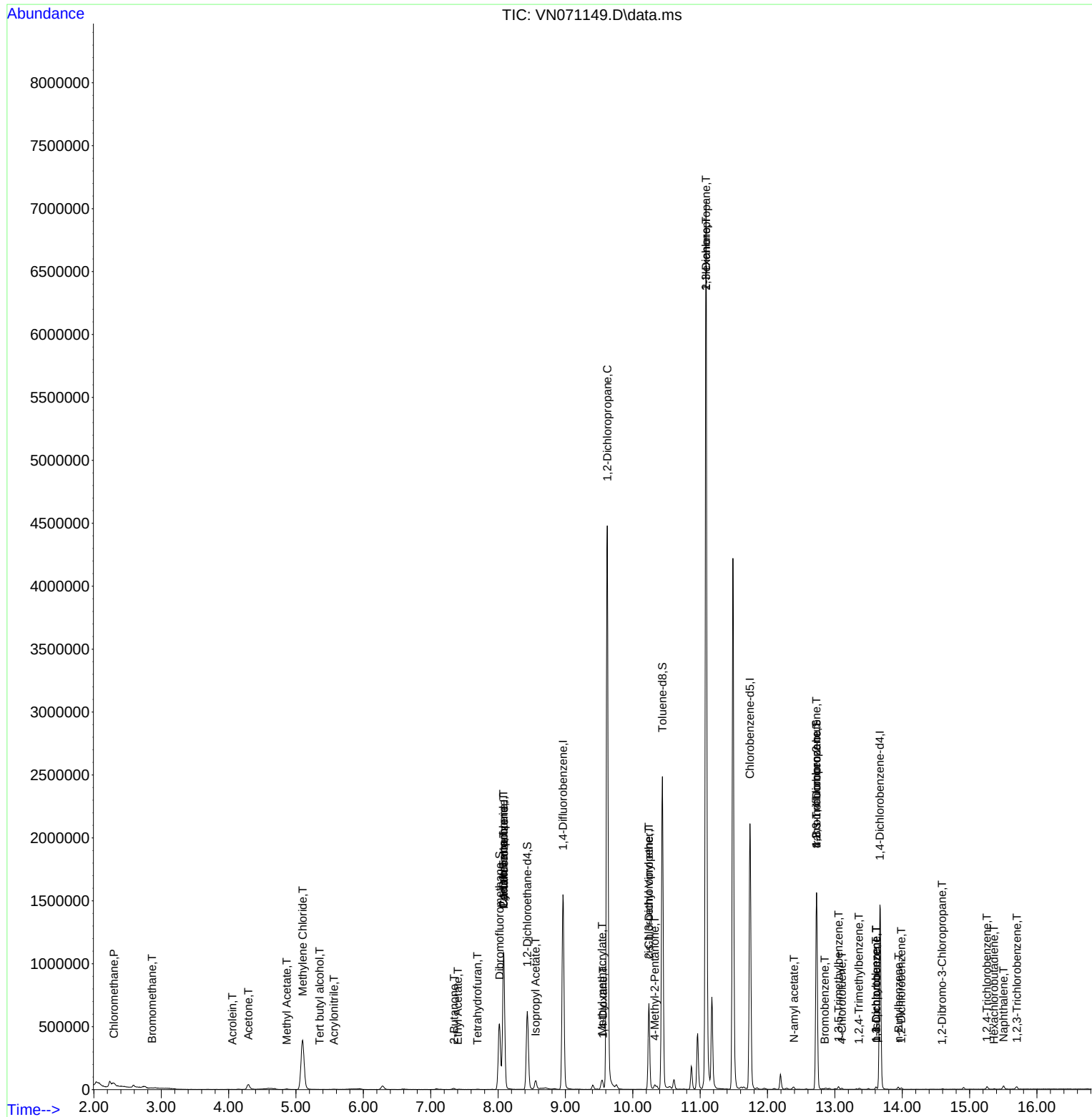
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.256	180	7047	2.891	ug/l	94
94) Hexachlorobutadiene	15.362	225	1303	0.265	ug/l	83
95) Naphthalene	15.503	128	23876	6.157	ug/l	97
96) 1,2,3-Trichlorobenzene	15.703	180	7537	3.540	ug/l	97

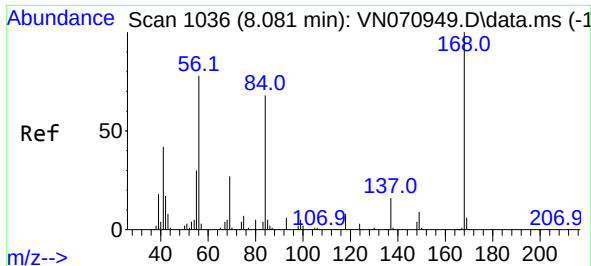
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
Data File : VN071149.D
Acq On : 03 Mar 2022 13:33
Operator : JC\MD
Sample : PB143059TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

Quant Time: Mar 04 01:13:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

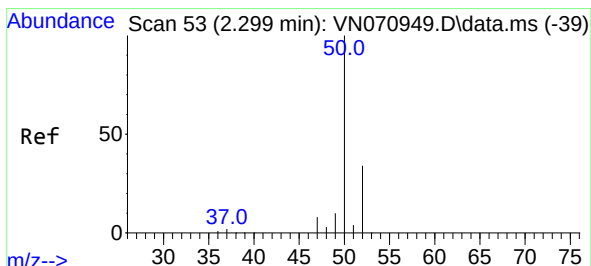
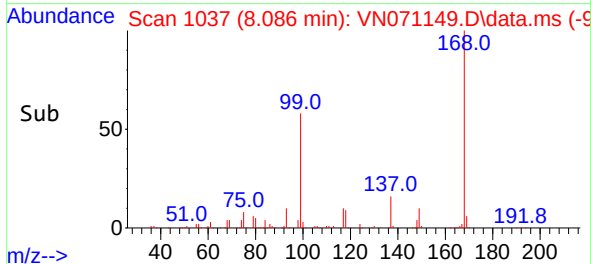
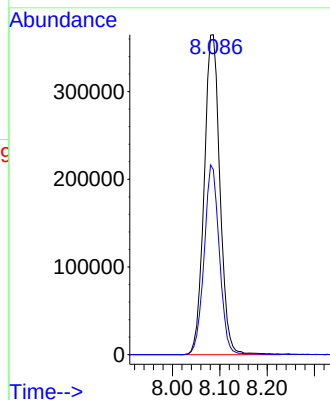
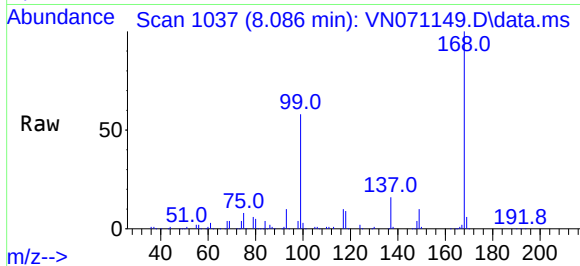




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

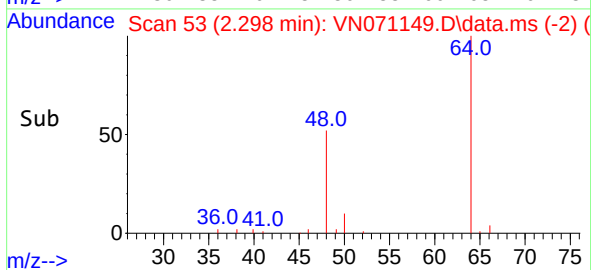
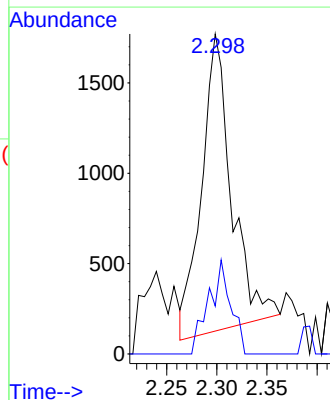
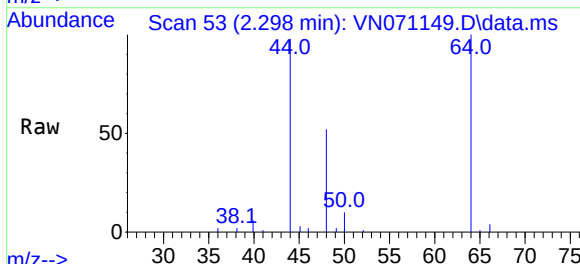
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

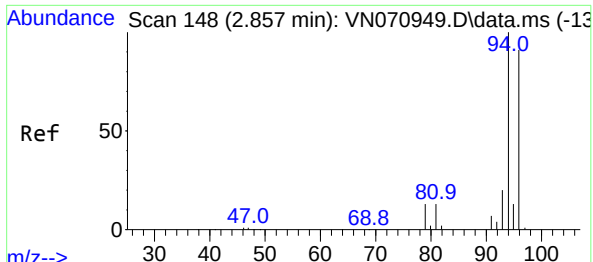
Tgt Ion:168 Resp: 844441
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#3
Chloromethane
Concen: 0.310 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 50 Resp: 3420
Ion Ratio Lower Upper
50 100
52 17.1 25.4 38.0#

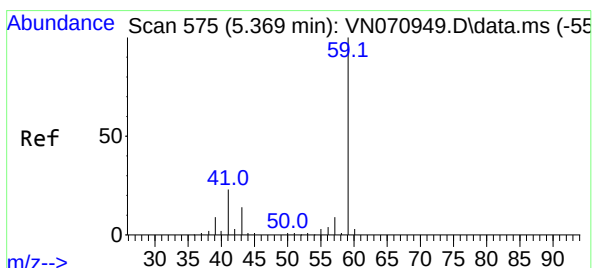
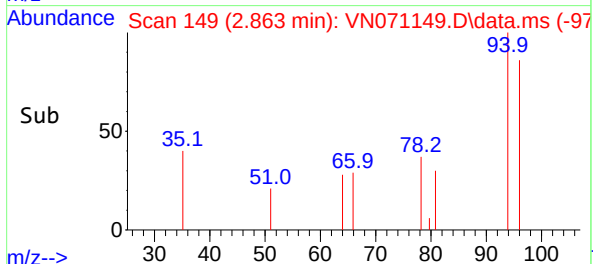
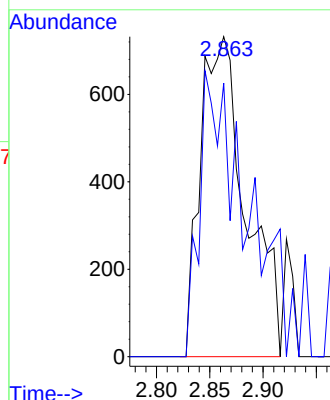
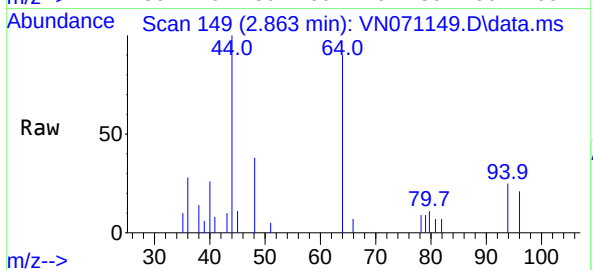




#5
Bromomethane
Concen: 0.347 ug/l
RT: 2.863 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

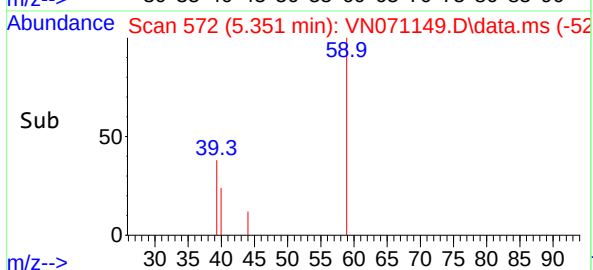
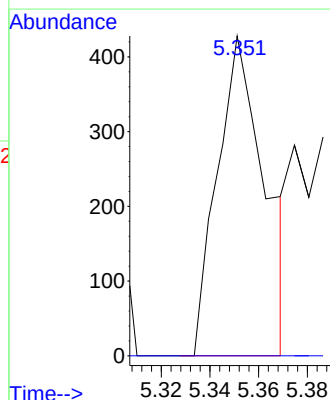
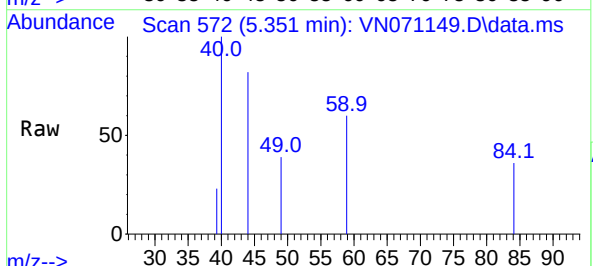
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

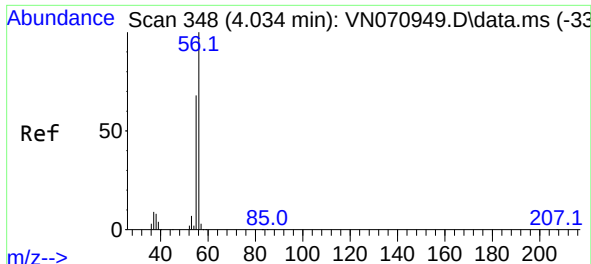
Tgt Ion: 94 Resp: 2174
Ion Ratio Lower Upper
94 100
96 85.5 73.8 110.8



#11
Tert butyl alcohol
Concen: 0.329 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.018 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 59 Resp: 579
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

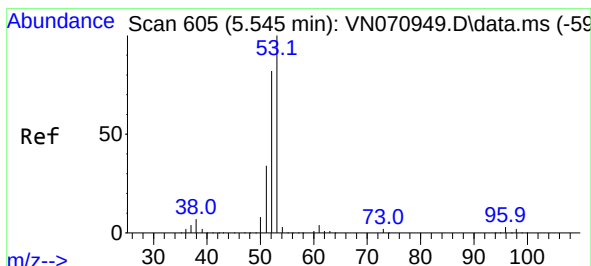
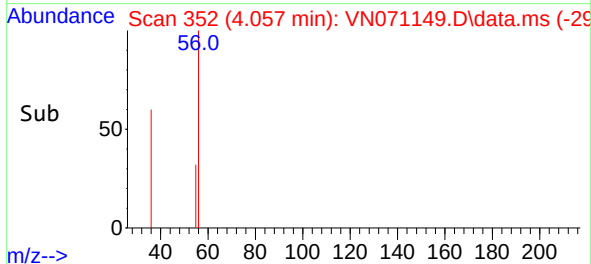
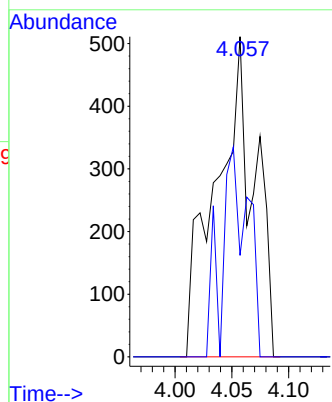
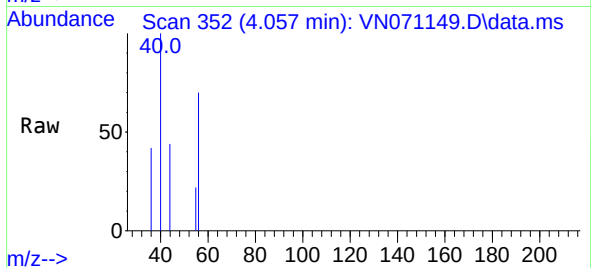




#13
Acrolein
Concen: 0.765 ug/l
RT: 4.057 min Scan# 31
Delta R.T. 0.023 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

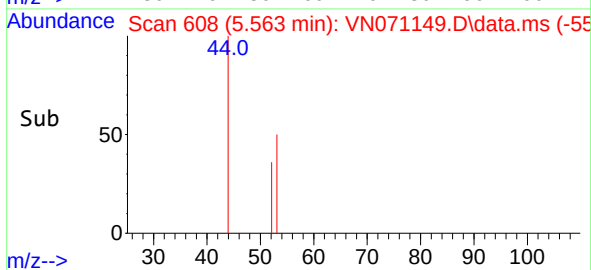
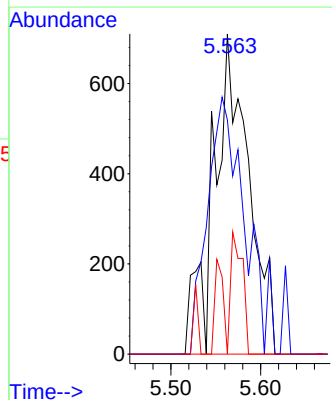
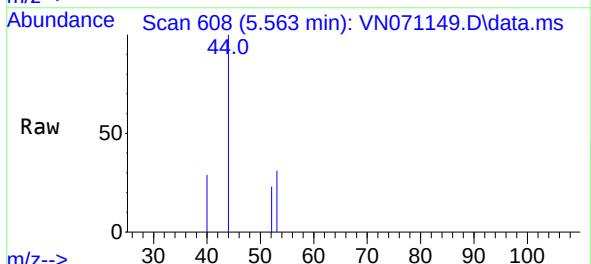
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

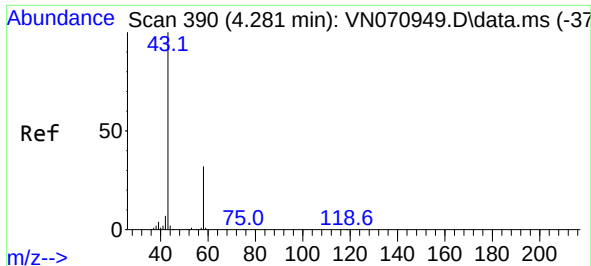
Tgt Ion: 56 Resp: 1201
Ion Ratio Lower Upper
56 100
55 44.9 56.6 85.0#



#15
Acrylonitrile
Concen: 0.375 ug/l
RT: 5.563 min Scan# 608
Delta R.T. 0.017 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 53 Resp: 1943
Ion Ratio Lower Upper
53 100
52 85.3 66.2 99.2
51 12.6 29.6 44.4#

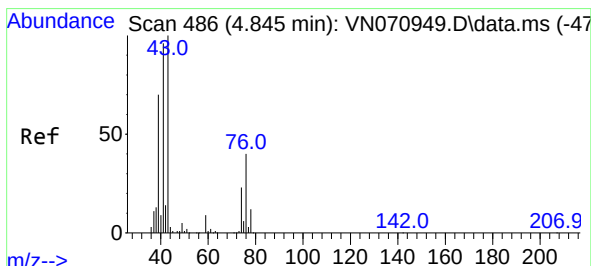
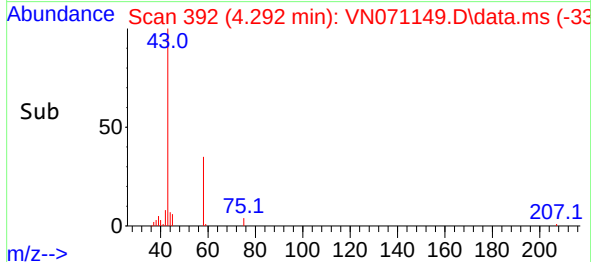
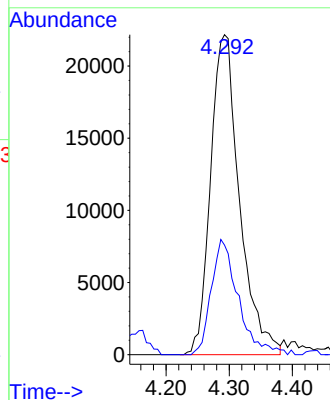
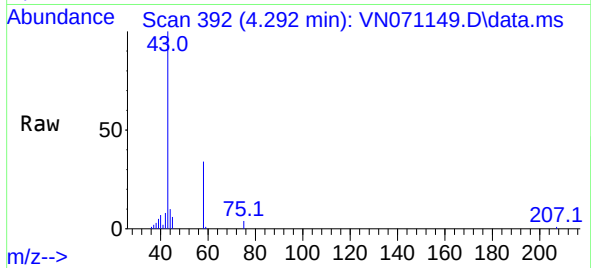




#16
Acetone
Concen: 13.297 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

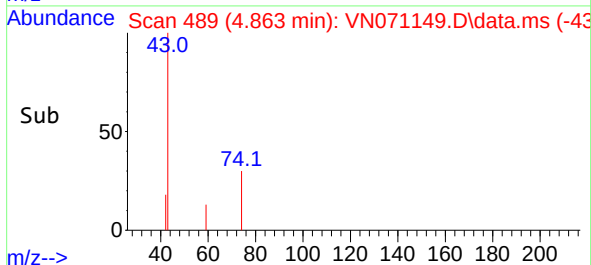
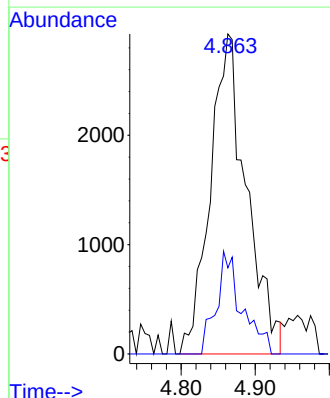
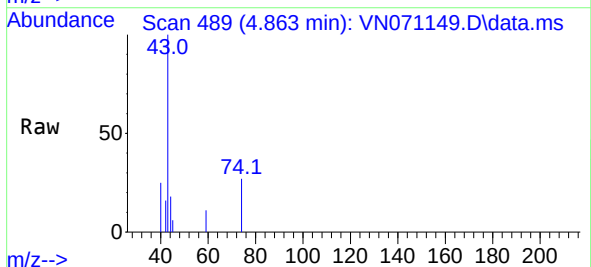
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

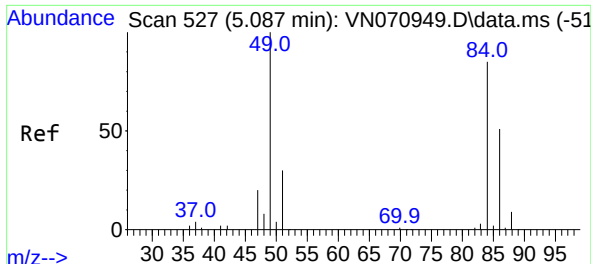
Tgt Ion: 43 Resp: 70637
Ion Ratio Lower Upper
43 100
58 34.3 23.1 34.7



#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 43 Resp: 9963
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2



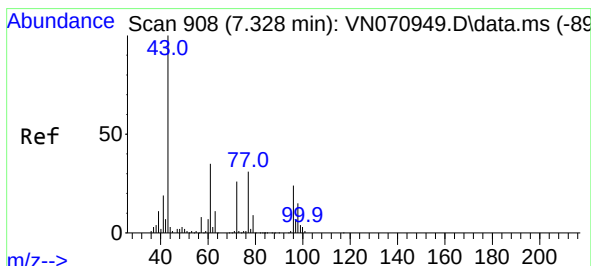
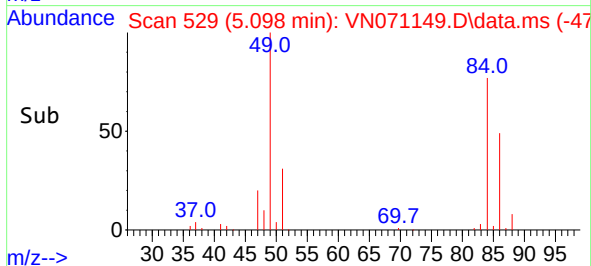
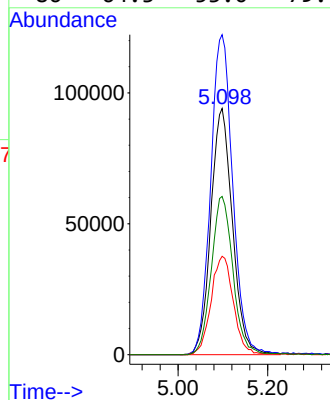
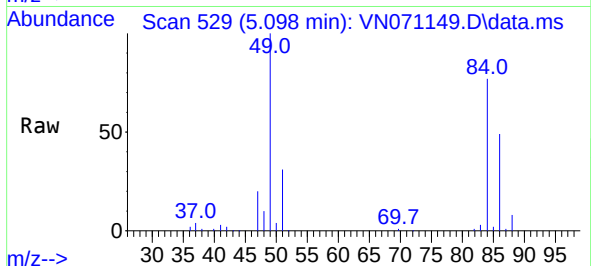


#20
Methylene Chloride
Concen: 32.729 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

Tgt Ion: 84 Resp: 315994

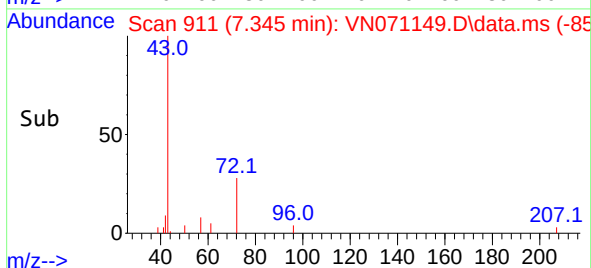
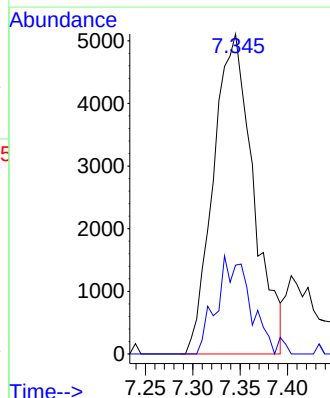
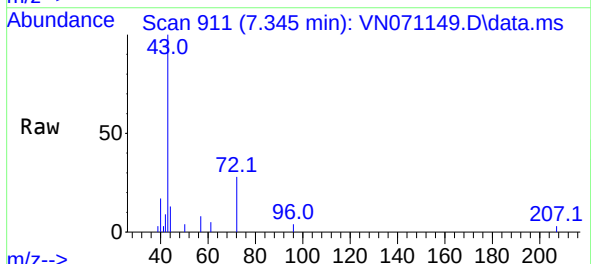
Ion	Ratio	Lower	Upper
84	100		
49	130.0	93.5	140.3
51	40.0	29.4	44.2
86	64.3	53.0	79.4

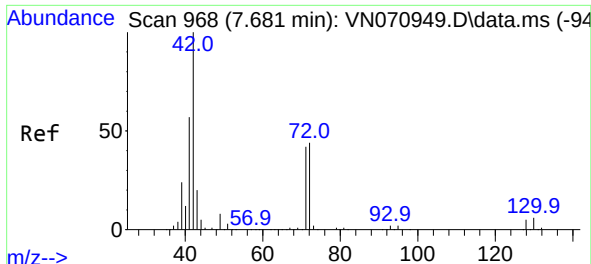


#25
2-Butanone
Concen: 2.118 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 43 Resp: 14969

Ion	Ratio	Lower	Upper
43	100		
72	27.8	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.566 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

Instrument :

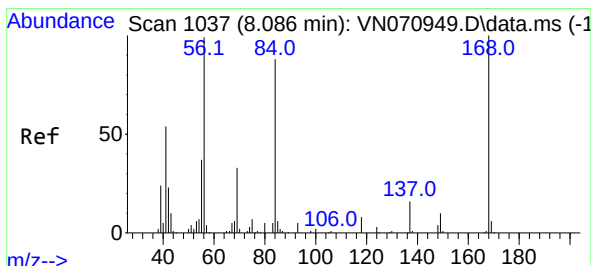
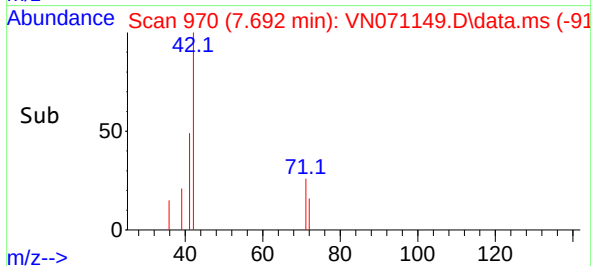
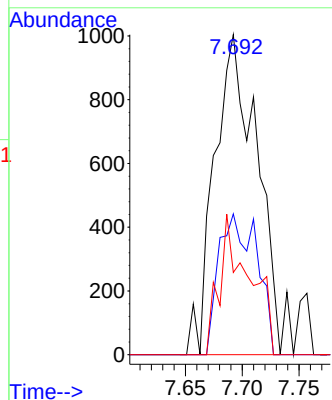
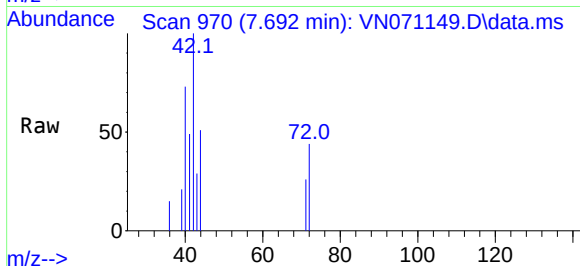
MSVOA_N

ClientSampleId :

PB143059TB

Tgt Ion: 42 Resp: 2593

Ion	Ratio	Lower	Upper
42	100		
72	39.8	36.3	54.5
71	31.4	34.7	52.1#



#31

Cyclohexane

Concen: 1.005 ug/l

RT: 8.080 min Scan# 1036

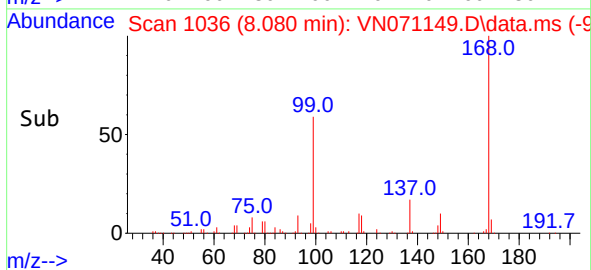
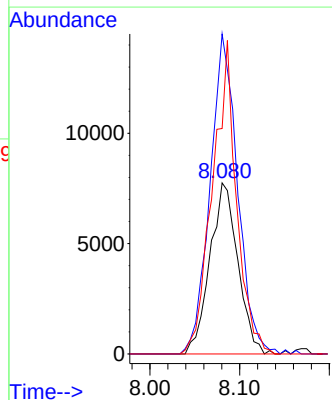
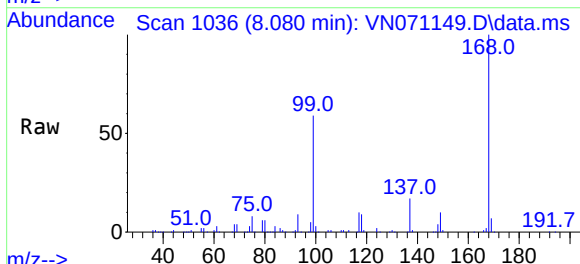
Delta R.T. -0.006 min

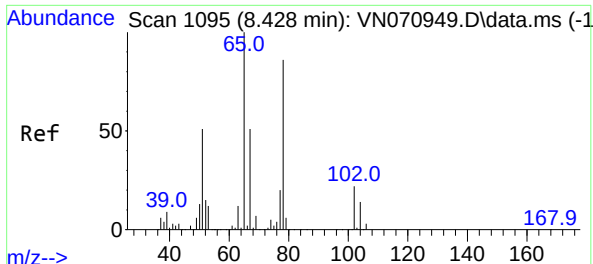
Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

Tgt Ion: 56 Resp: 16763

Ion	Ratio	Lower	Upper
56	100		
69	187.1	27.1	40.7#
84	131.8	73.4	110.0#

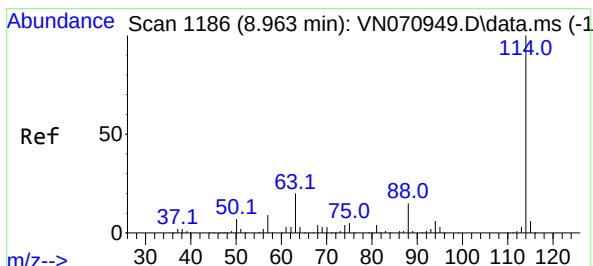
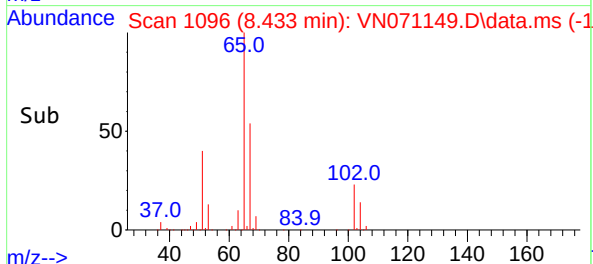
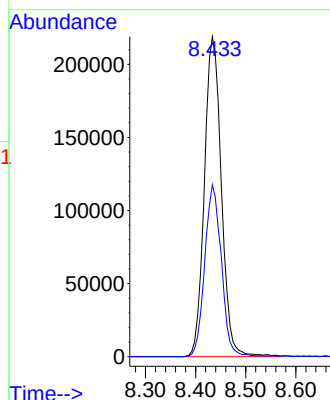
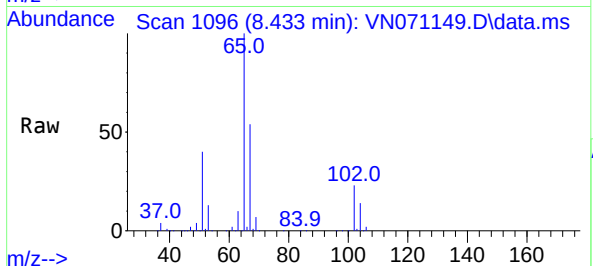




#33
1,2-Dichloroethane-d4
Concen: 53.586 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

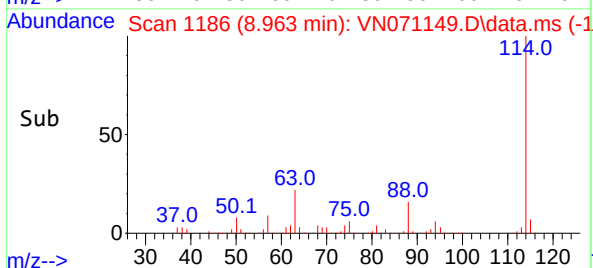
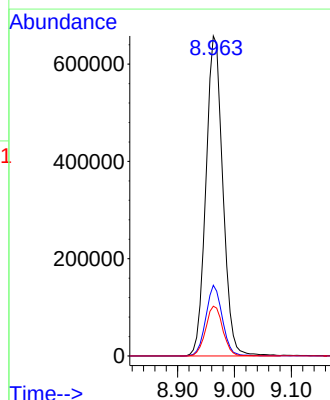
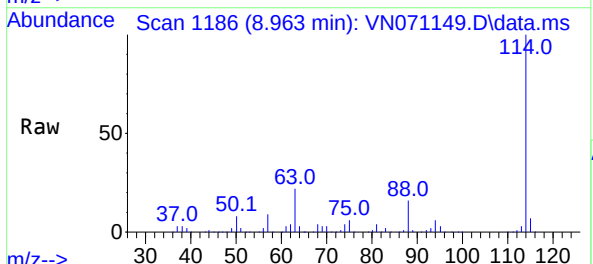
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

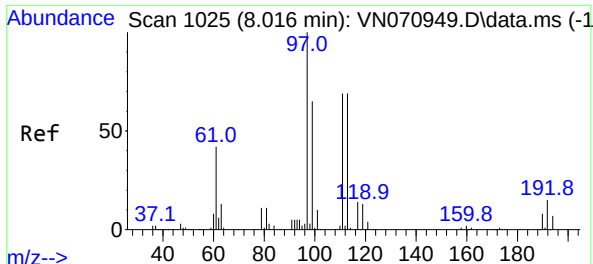
Tgt Ion: 65 Resp: 516900
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 114 Resp: 1357527
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 15.5 0.0 27.4

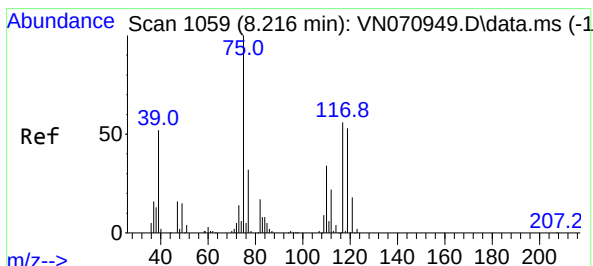
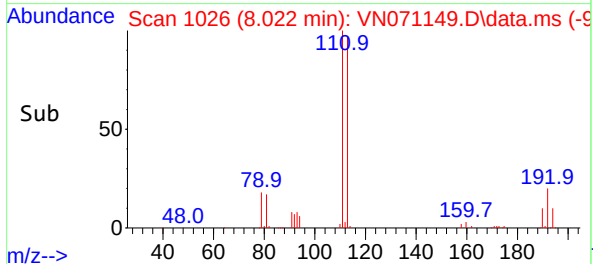
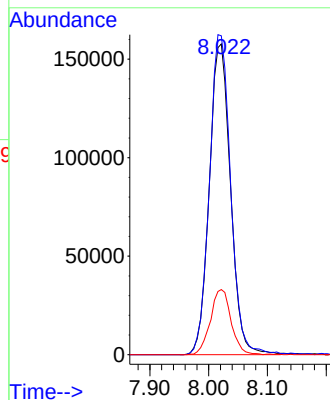
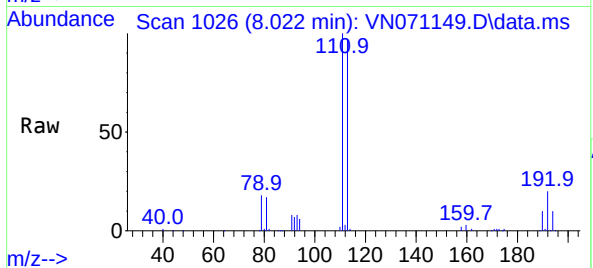




#35
Dibromofluoromethane
Concen: 49.039 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

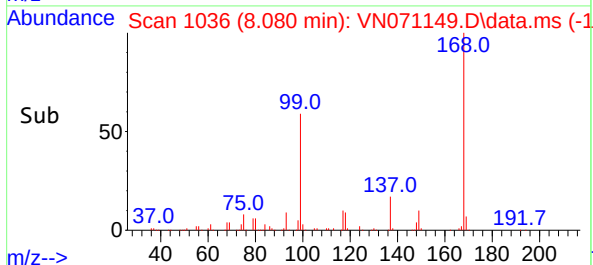
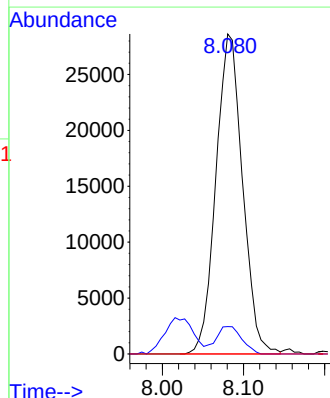
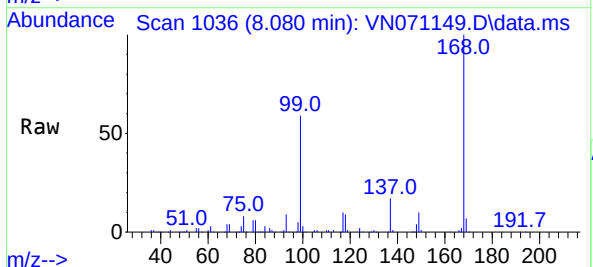
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

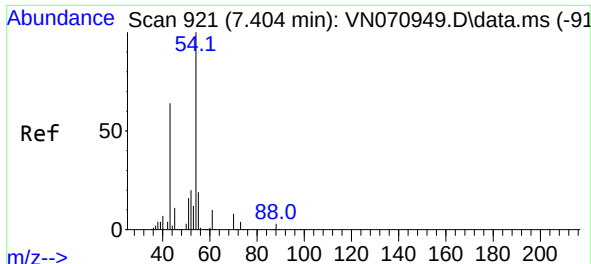
Tgt Ion:113 Resp: 395970
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 75 Resp: 65170
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#

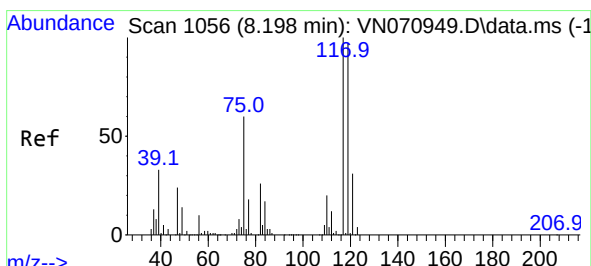
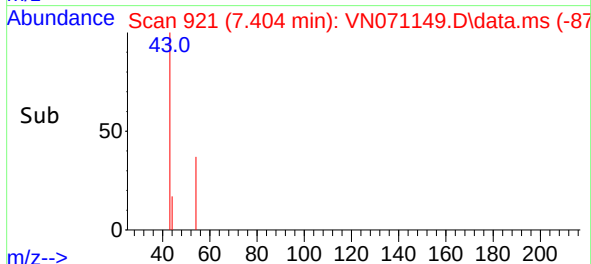
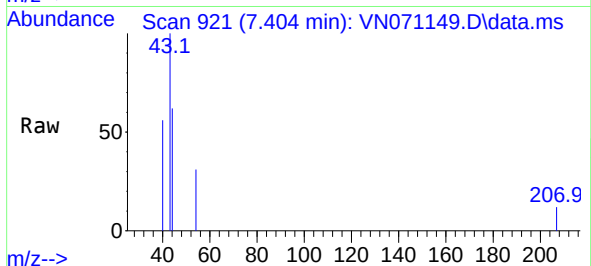




#37
Ethyl Acetate
Concen: 0.212 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

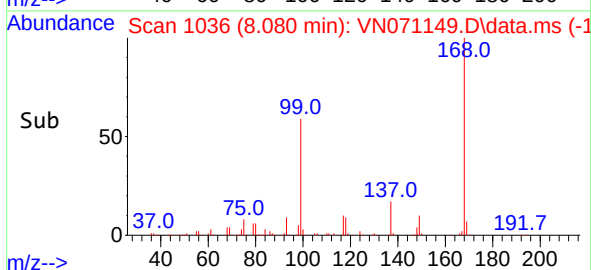
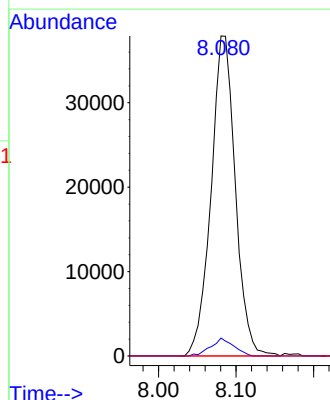
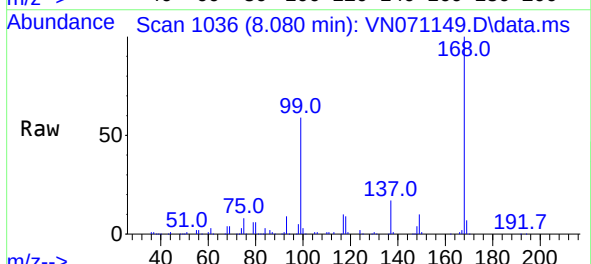
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

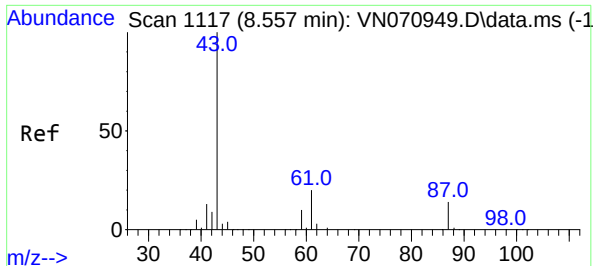
Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 117 Resp: 82606
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 3.792 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB143059TB

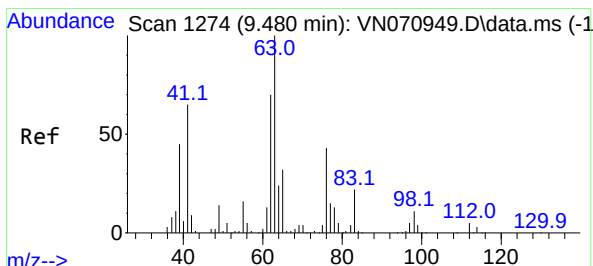
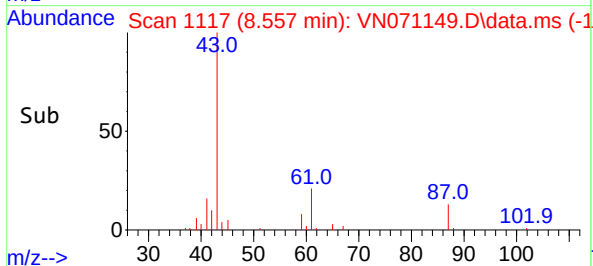
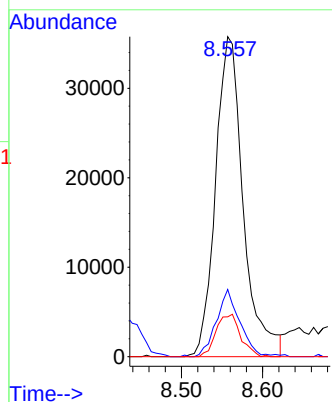
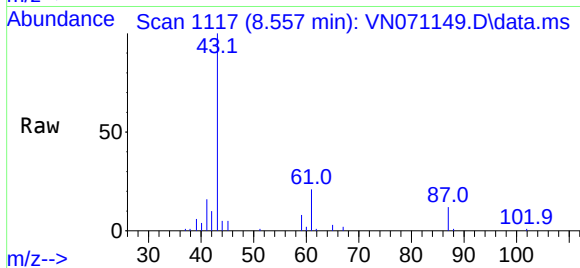
Tgt Ion: 43 Resp: 84789

Ion Ratio Lower Upper

43 100

61 18.0 20.4 30.6#

87 11.7 11.2 16.8



#45

1,2-Dichloropropane

Concen: 0.581 ug/l

RT: 9.621 min Scan# 1298

Delta R.T. 0.141 min

Lab File: VN071149.D

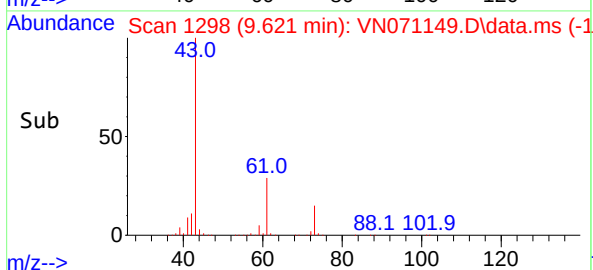
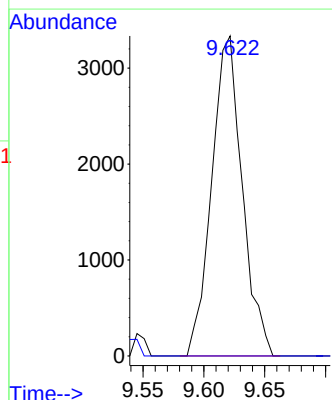
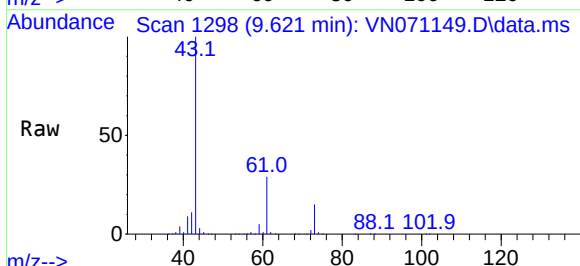
Acq: 03 Mar 2022 13:33

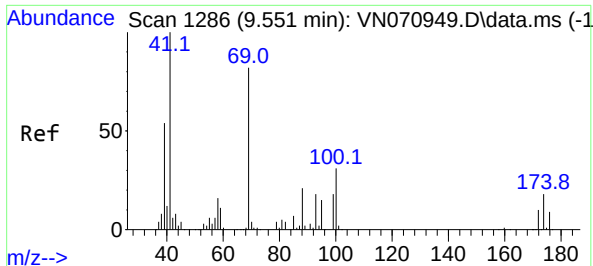
Tgt Ion: 63 Resp: 5825

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#





#48

Methyl methacrylate

Concen: 2.067 ug/l

RT: 9.545 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB143059TB

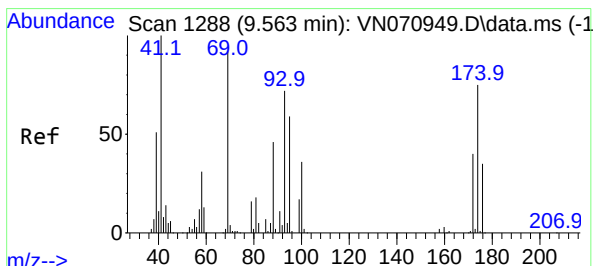
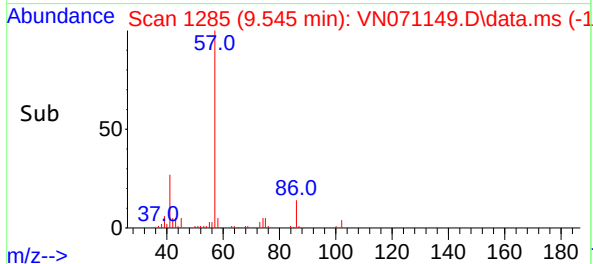
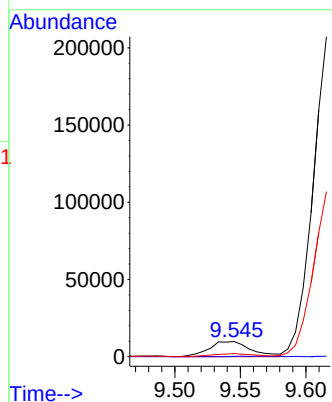
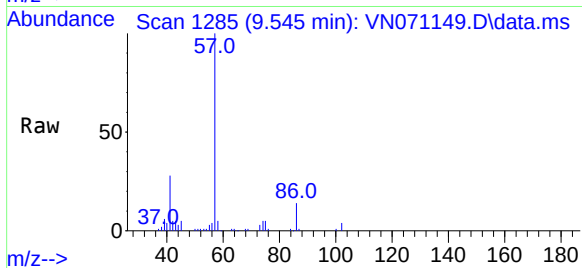
Tgt Ion: 41 Resp: 21883

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 58.4 87.6#



#49

1,4-Dioxane

Concen: 2.229 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

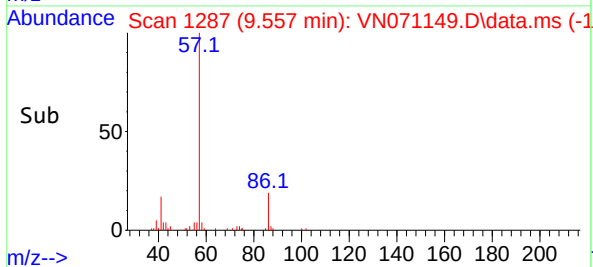
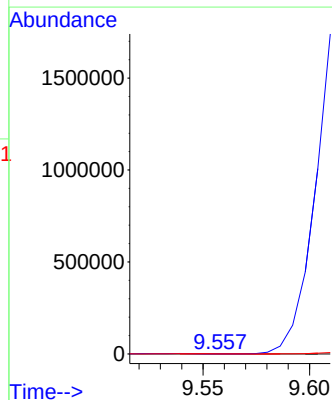
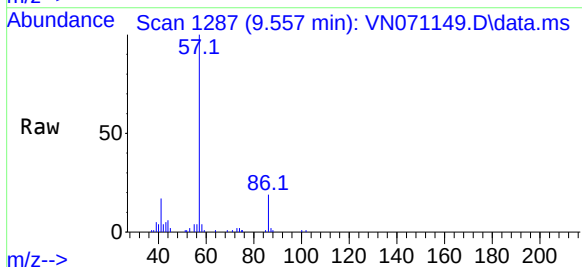
Tgt Ion: 88 Resp: 419

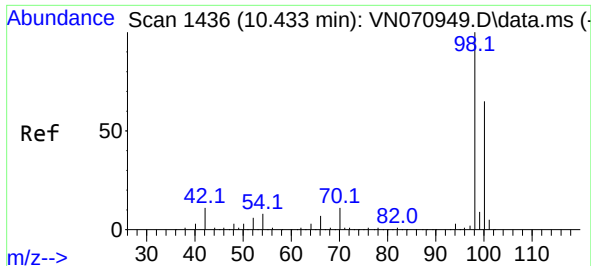
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 906.2 50.6 75.8#

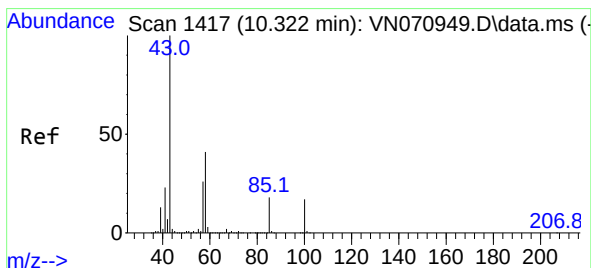
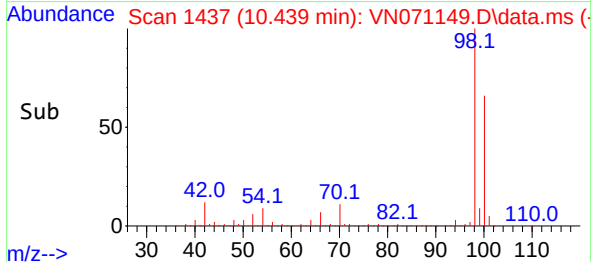
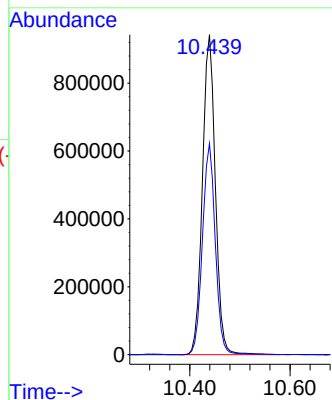
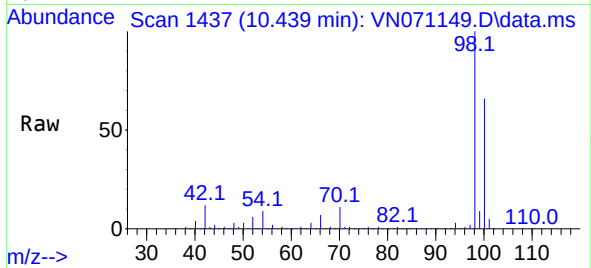




#50
Toluene-d8
Concen: 52.032 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

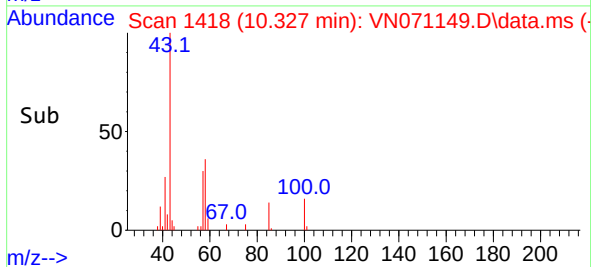
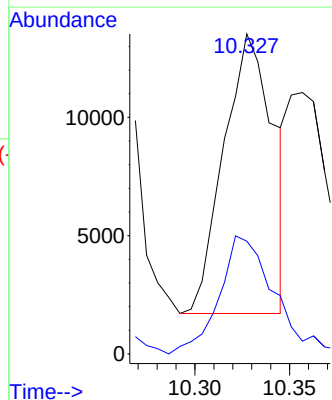
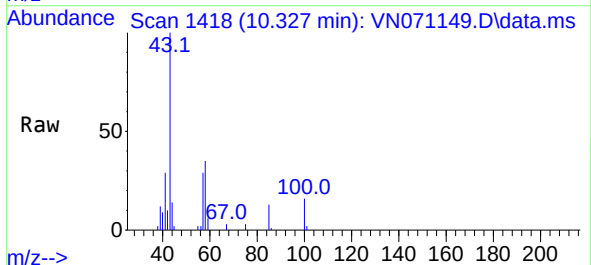
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

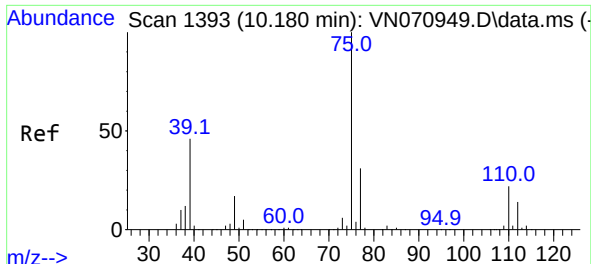
Tgt Ion: 98 Resp: 1687223
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.578 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 43 Resp: 21473
Ion Ratio Lower Upper
43 100
58 46.9 30.4 45.6#

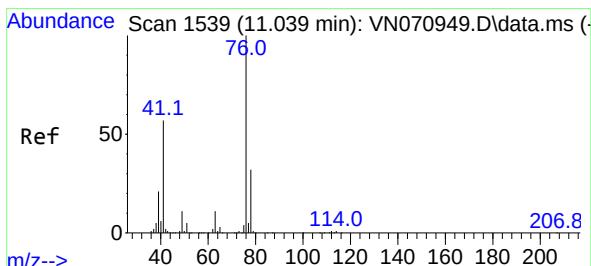
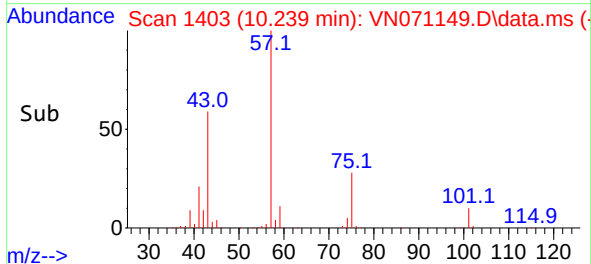
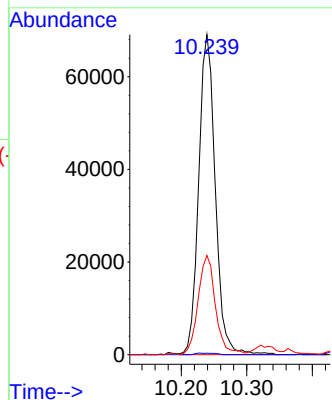
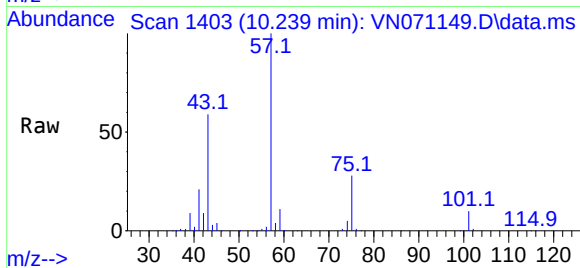




#54
cis-1,3-Dichloropropene
Concen: 7.650 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.059 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

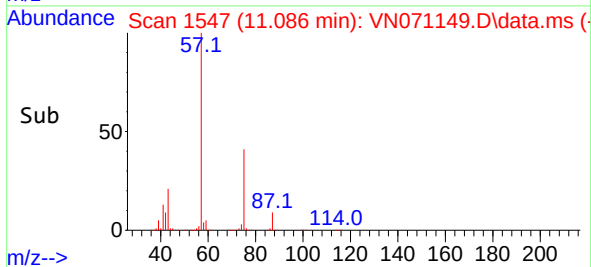
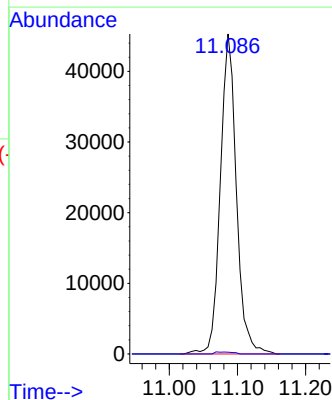
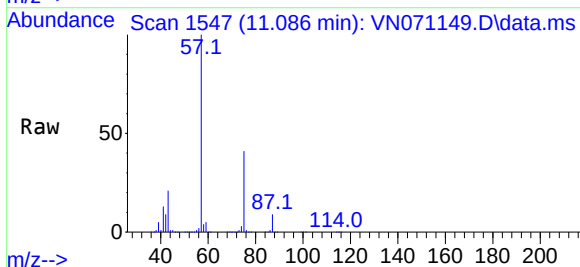
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

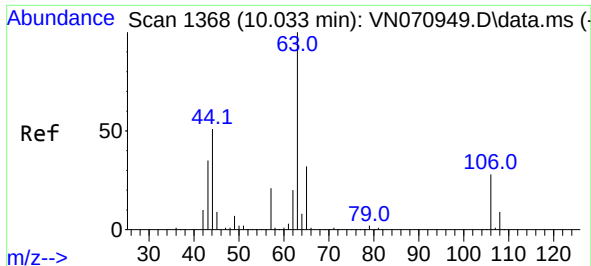
Tgt Ion: 75 Resp: 121782
Ion Ratio Lower Upper
75 100
77 0.5 26.4 39.6#
39 31.0 42.5 63.7#



#57
1,3-Dichloropropane
Concen: 4.464 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 76 Resp: 74326
Ion Ratio Lower Upper
76 100
78 0.7 25.7 38.5#

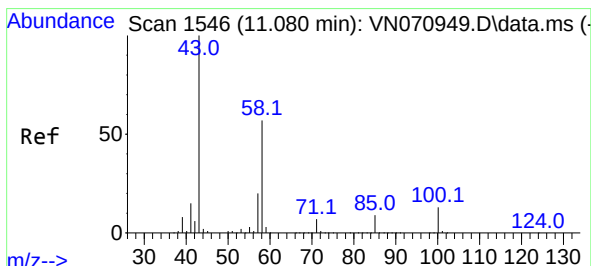
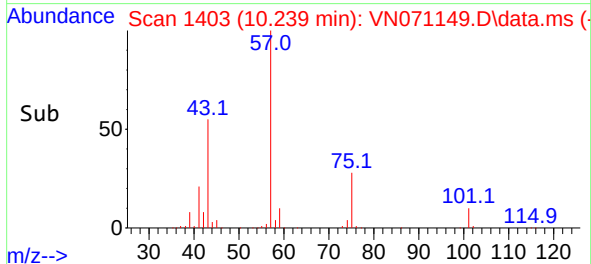
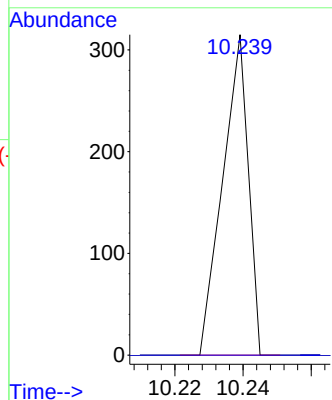
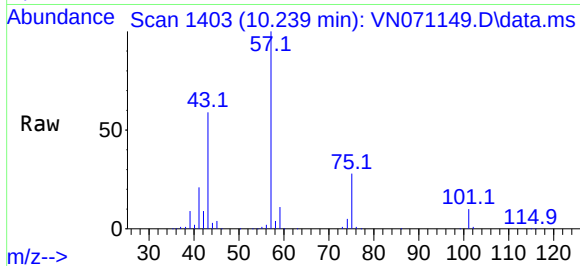




#58
 2-Chloroethyl Vinyl ether
 Concen: 31.845 ug/l
 RT: 10.239 min Scan# 1403
 Delta R.T. 0.206 min
 Lab File: VN071149.D
 Acq: 03 Mar 2022 13:33

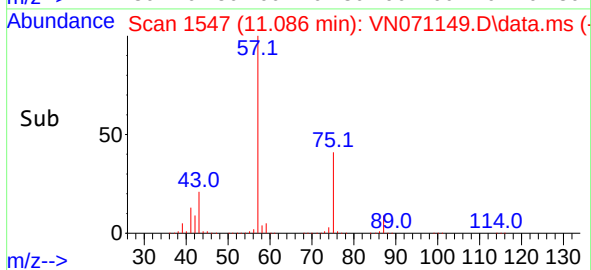
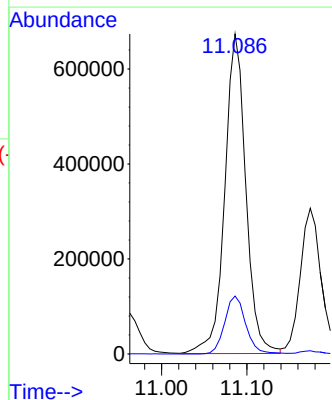
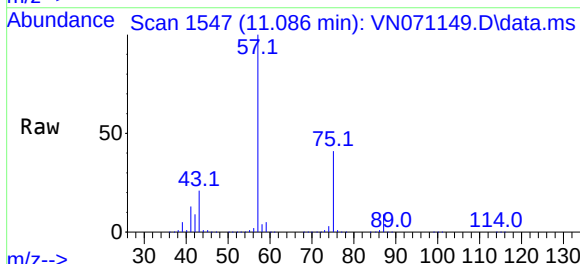
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143059TB

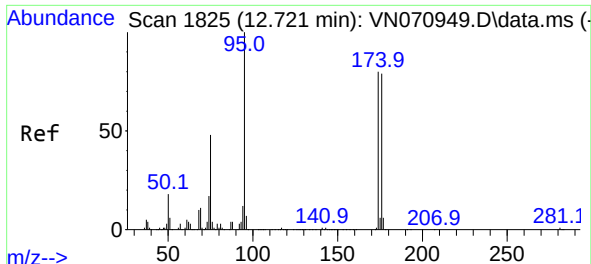
Tgt Ion: 63 Resp: 164
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#59
 2-Hexanone
 Concen: 123.810 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: VN071149.D
 Acq: 03 Mar 2022 13:33

Tgt Ion: 43 Resp: 1158556
 Ion Ratio Lower Upper
 43 100
 58 18.2 26.9 80.7#

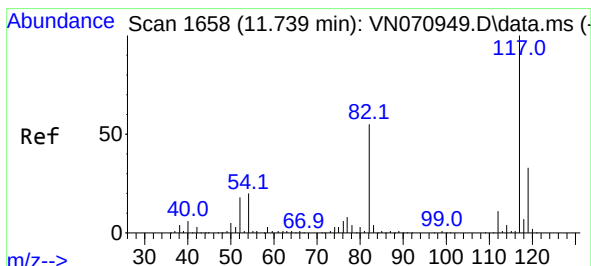
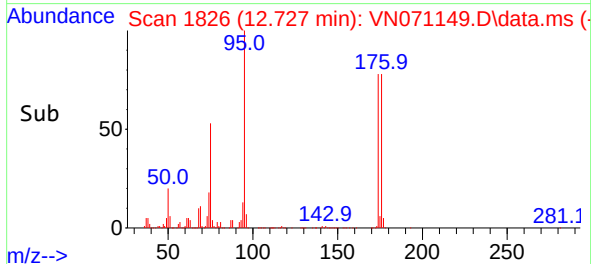
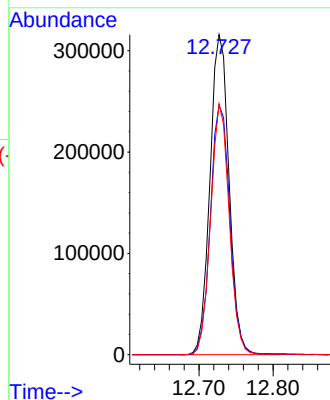
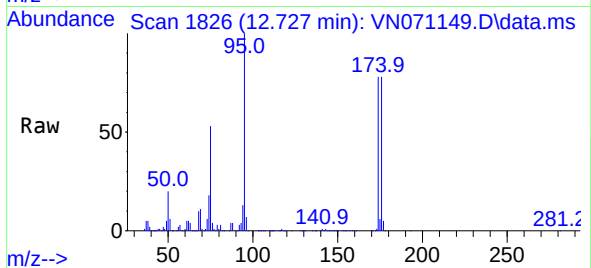




#62
4-Bromofluorobenzene
Concen: 48.790 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

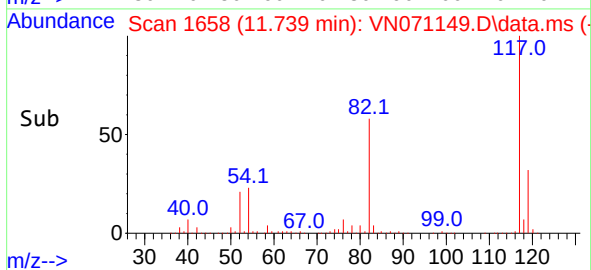
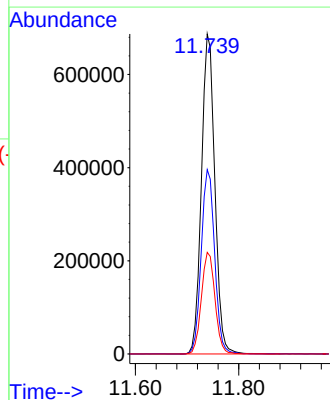
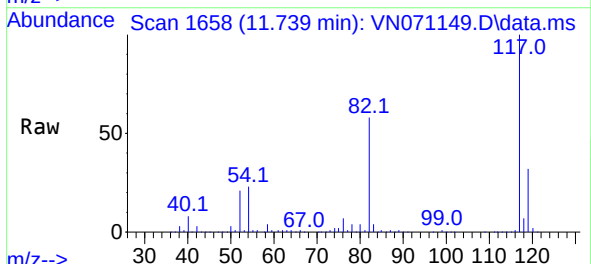
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

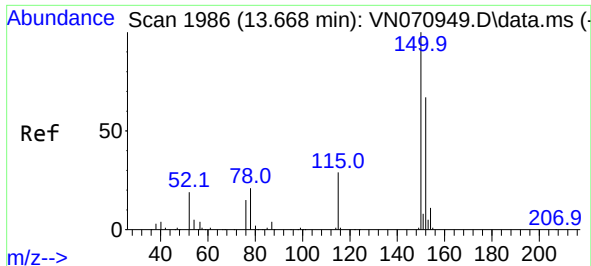
Tgt Ion: 95 Resp: 565511
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 76.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 117 Resp: 1234943
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 31.7 25.4 38.2

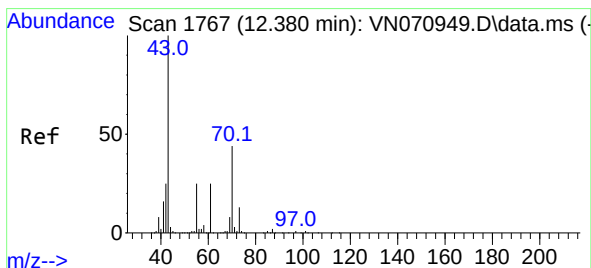
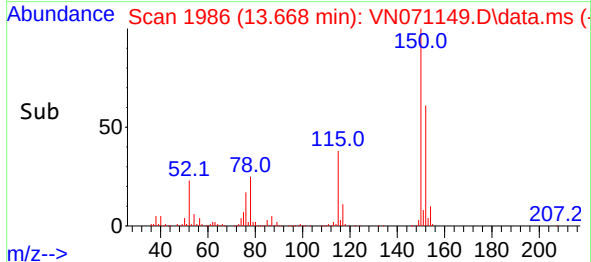
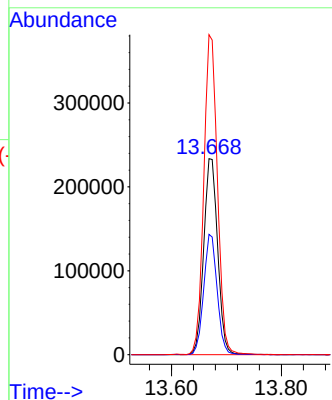
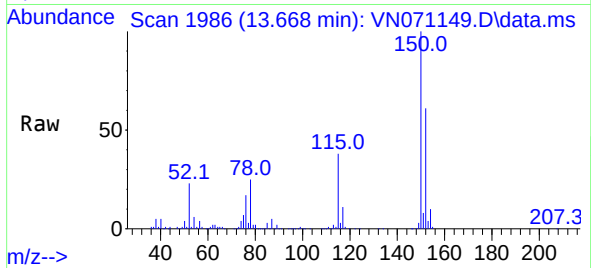




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

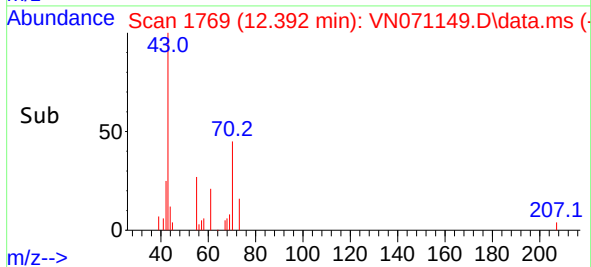
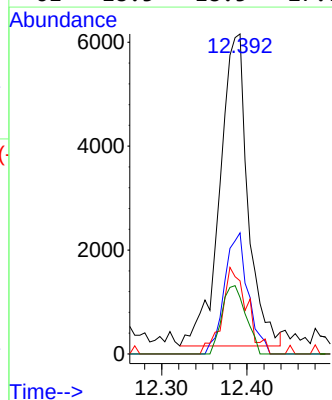
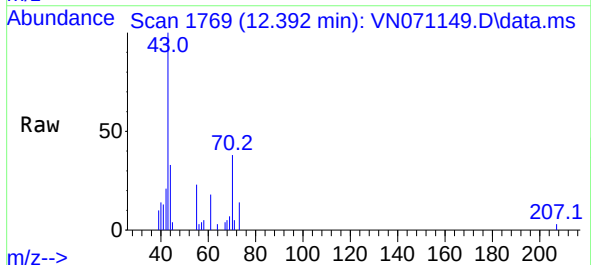
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

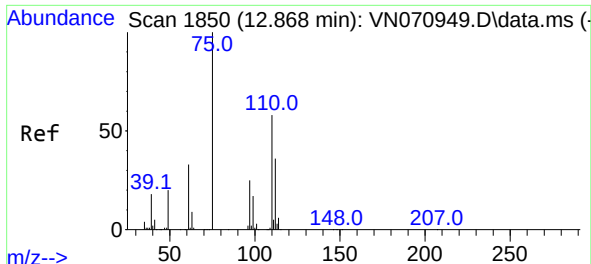
Tgt Ion:152 Resp: 411703
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 159.7 0.0 344.4



#74
N-ethyl acetate
Concen: 1.305 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 43 Resp: 13826
Ion Ratio Lower Upper
43 100
70 32.4 33.4 50.0#
55 24.4 19.3 28.9
61 18.5 18.5 27.7#

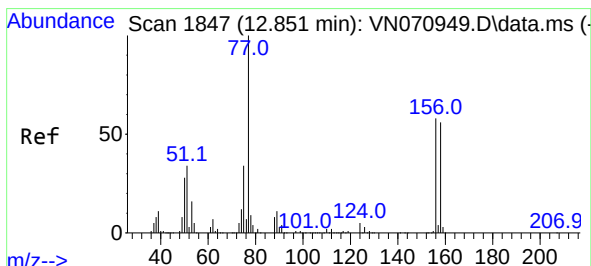
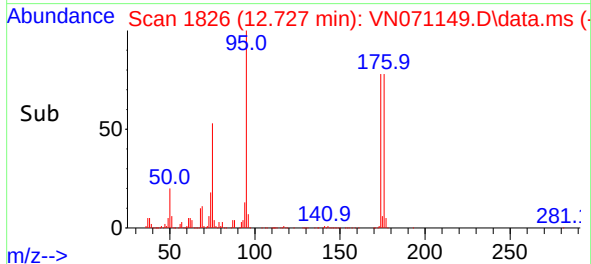
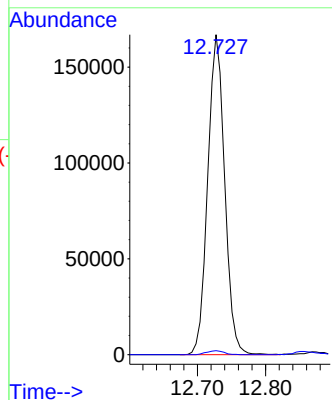
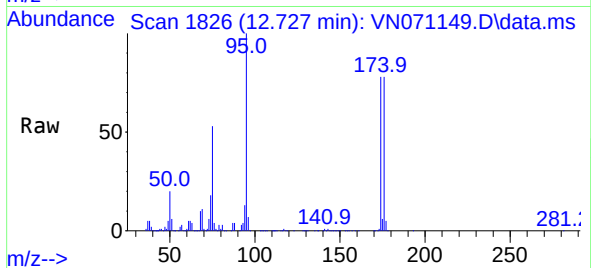




#76
1,2,3-Trichloropropane
Concen: 29.776 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

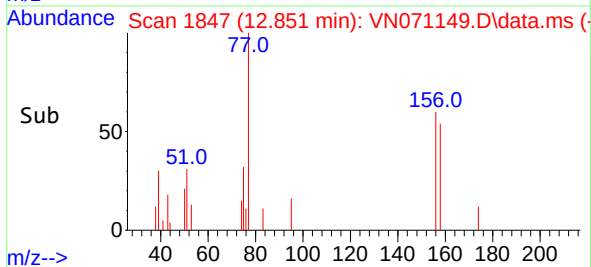
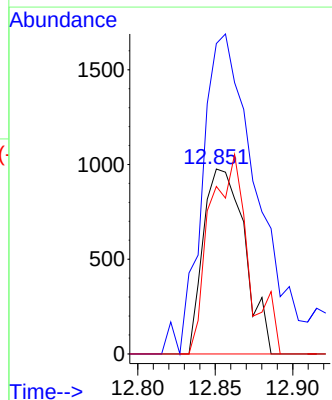
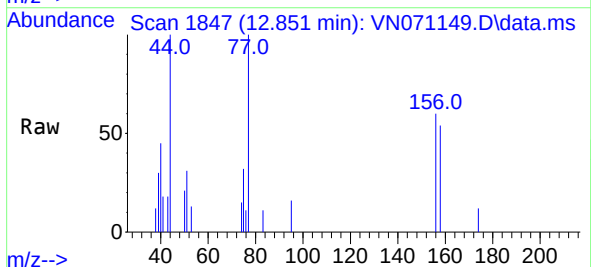
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

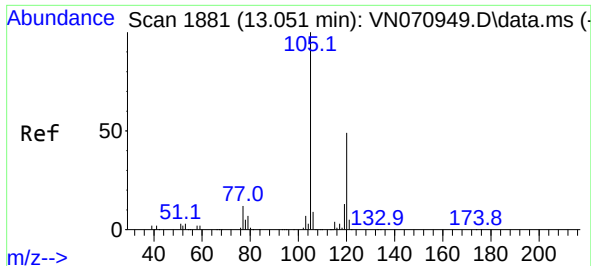
Tgt Ion: 75 Resp: 288639
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#77
Bromobenzene
Concen: 0.223 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion:156 Resp: 1811
Ion Ratio Lower Upper
156 100
77 230.3 90.6 271.8
158 100.8 48.9 146.7

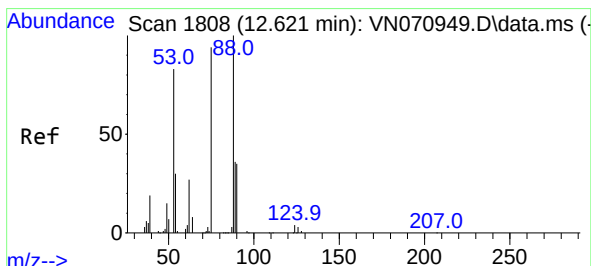
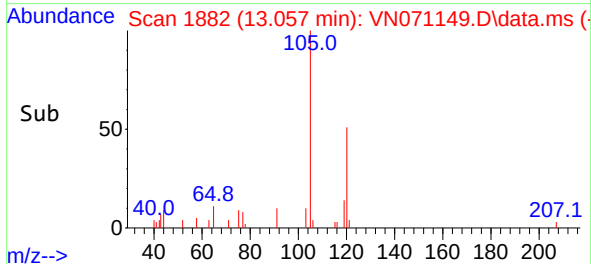
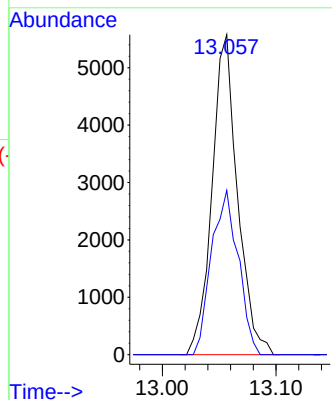
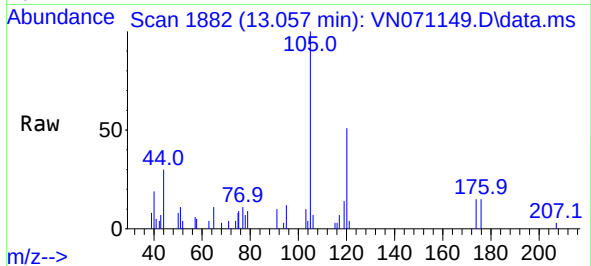




#80
 1,3,5-Trimethylbenzene
 Concen: 0.324 ug/l
 RT: 13.057 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN071149.D
 Acq: 03 Mar 2022 13:33

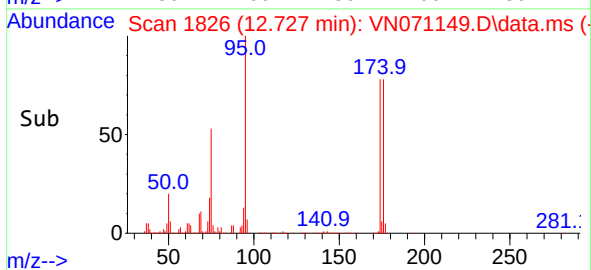
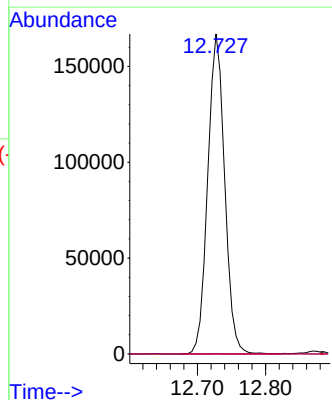
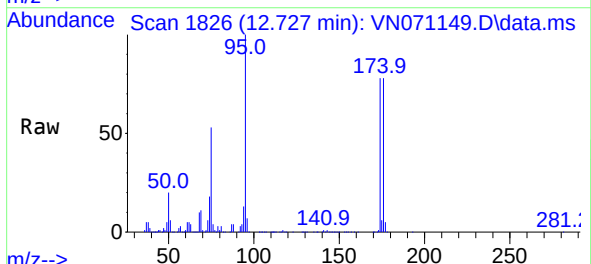
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143059TB

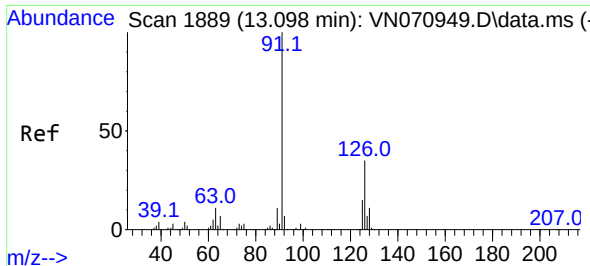
Tgt Ion:105 Resp: 8694
 Ion Ratio Lower Upper
 105 100
 120 53.9 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.489 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.106 min
 Lab File: VN071149.D
 Acq: 03 Mar 2022 13:33

Tgt Ion: 75 Resp: 288639
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#

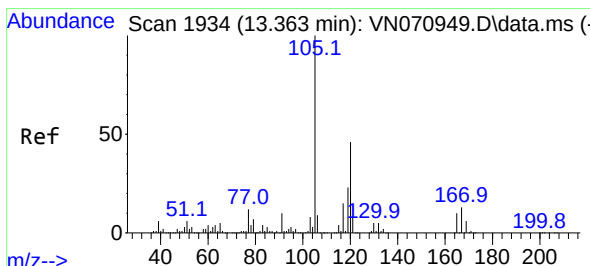
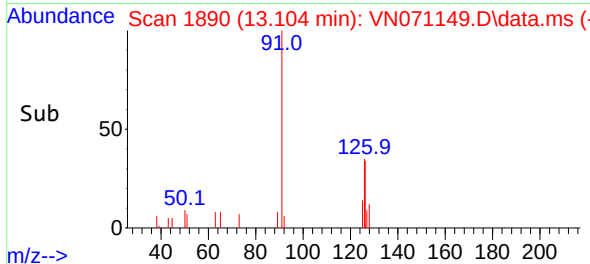
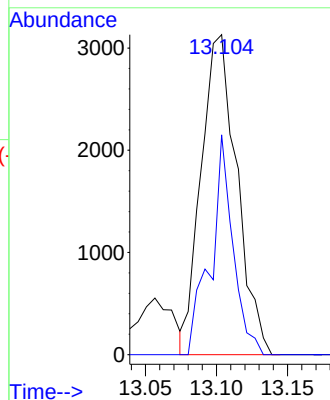
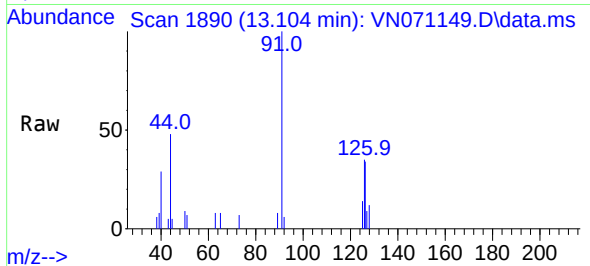




#82
4-Chlorotoluene
Concen: 0.250 ug/l
RT: 13.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

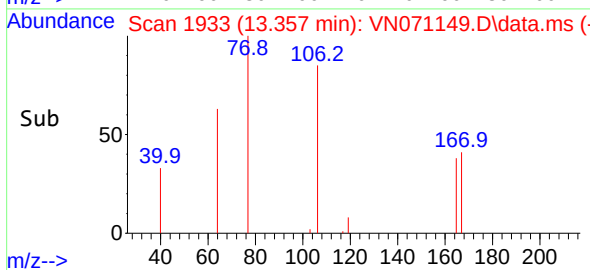
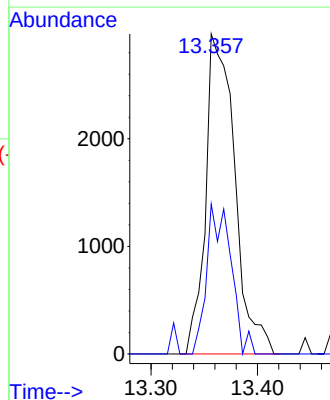
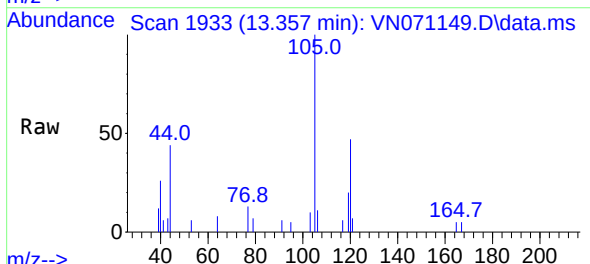
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

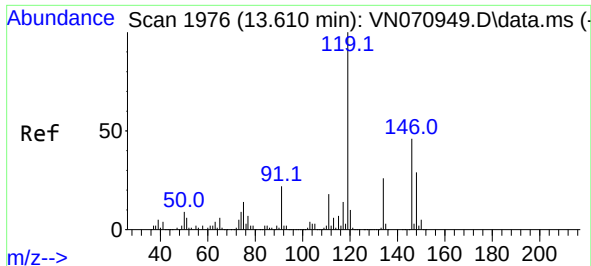
Tgt Ion: 91 Resp: 5483
Ion Ratio Lower Upper
91 100
126 42.9 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 13.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 105 Resp: 5653
Ion Ratio Lower Upper
105 100
120 38.8 22.8 68.4

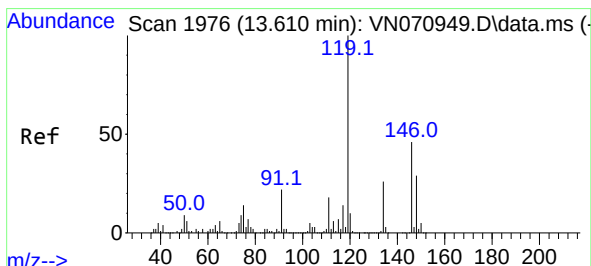
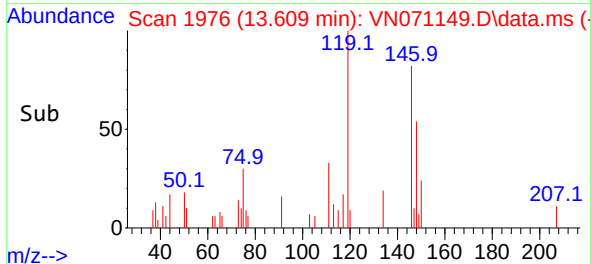
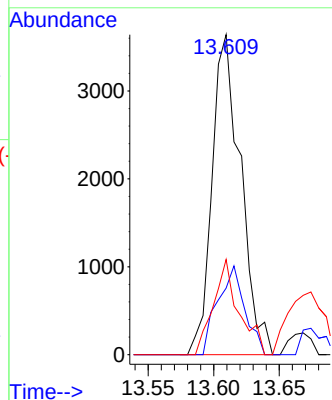
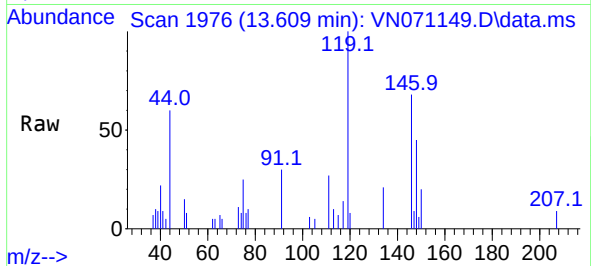




#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 13.609 min Scan# 119
Delta R.T. -0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

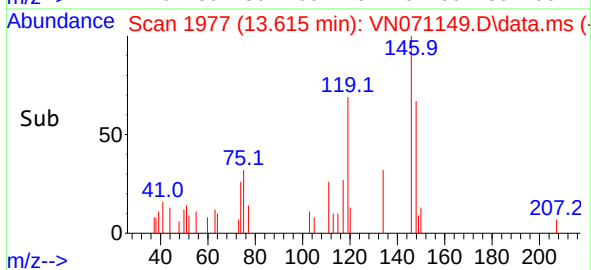
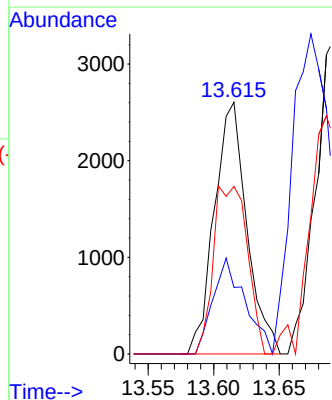
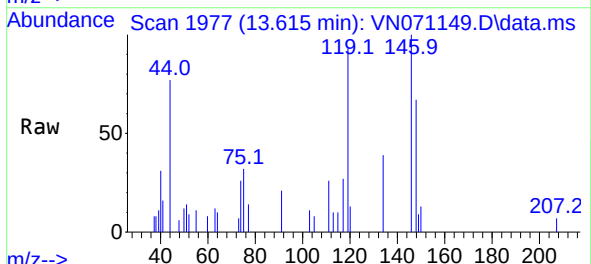
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

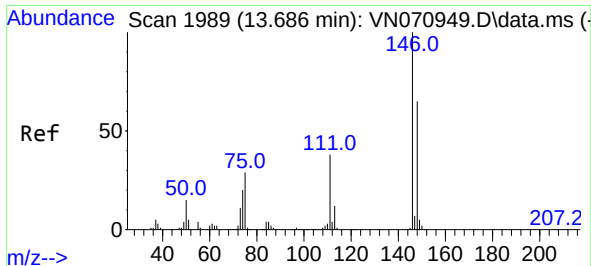
Tgt Ion:119	Resp:	5523
Ion	Ratio	Lower Upper
119	100	
134	26.2	13.6 40.7
91	26.6	11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 0.313 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion:146	Resp:	4491
Ion	Ratio	Lower Upper
146	100	
111	37.5	18.6 55.6
148	69.8	31.6 95.0



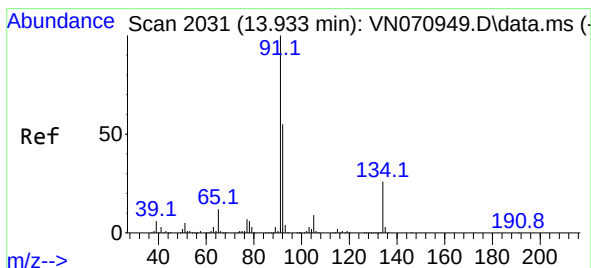
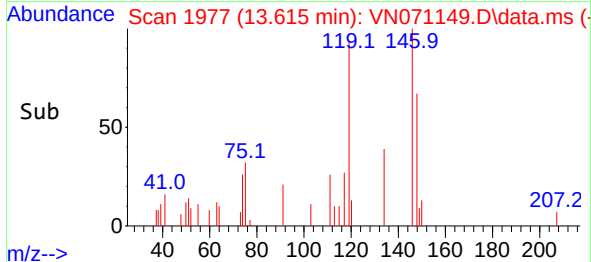
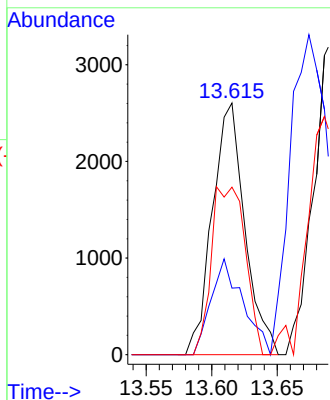
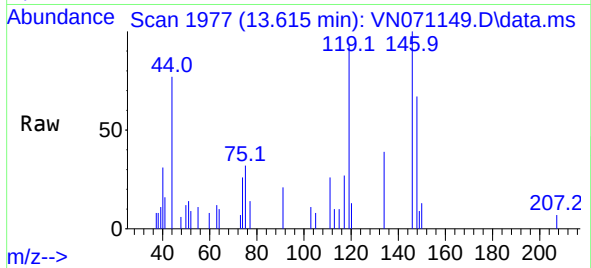


#88
1,4-Dichlorobenzene
Concen: 0.319 ug/l
RT: 13.615 min Scan# 1989
Delta R.T. -0.071 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

Tgt Ion:146 Resp: 4491

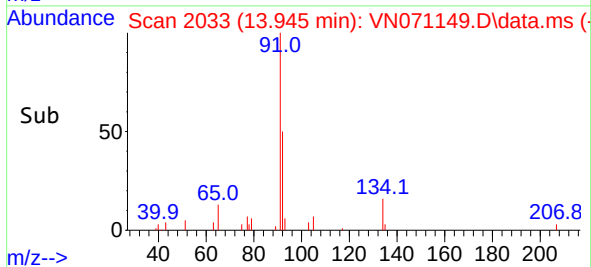
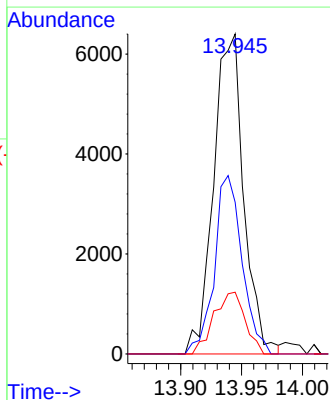
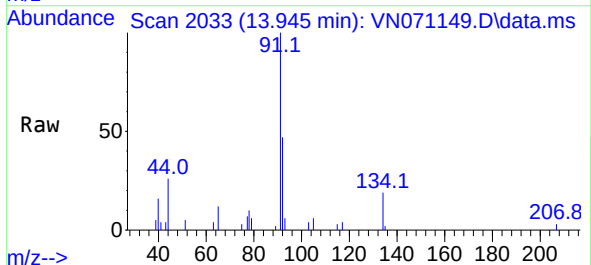
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	69.8	31.8	95.4

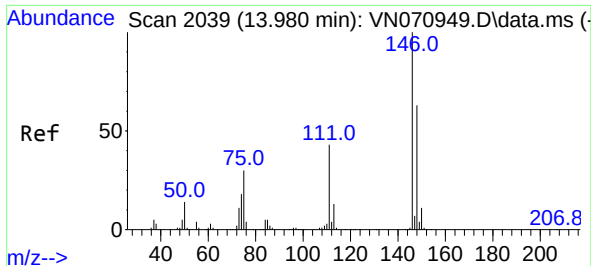


#89
n-Butylbenzene
Concen: 0.491 ug/l
RT: 13.945 min Scan# 2033
Delta R.T. 0.012 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion: 91 Resp: 11024

Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.4	76.0
134	20.0	13.6	40.8





#91

1,2-Dichlorobenzene

Concen: 0.377 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB143059TB

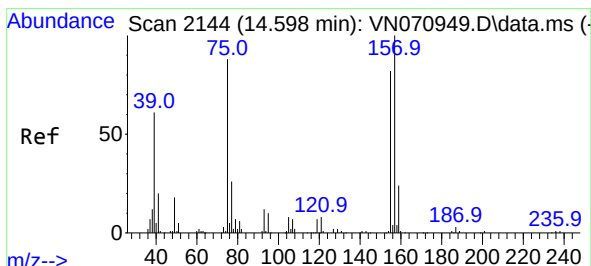
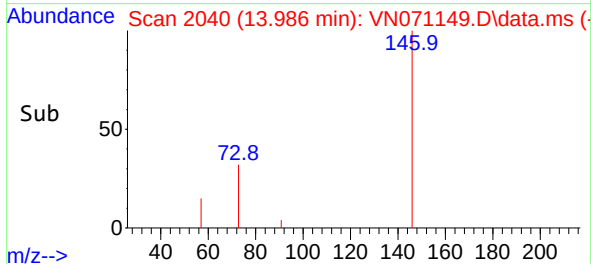
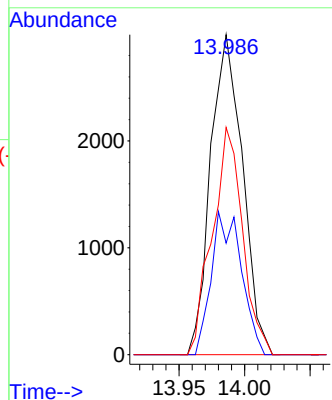
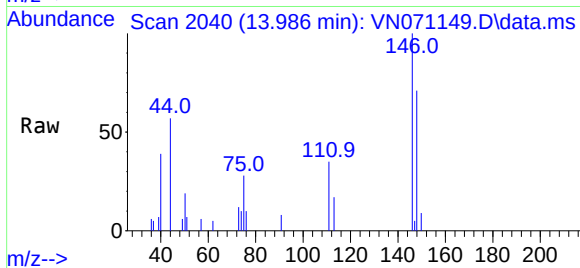
Tgt Ion:146 Resp: 5078

Ion Ratio Lower Upper

146 100

111 41.9 19.1 57.3

148 67.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.712 ug/l

RT: 14.592 min Scan# 2143

Delta R.T. -0.006 min

Lab File: VN071149.D

Acq: 03 Mar 2022 13:33

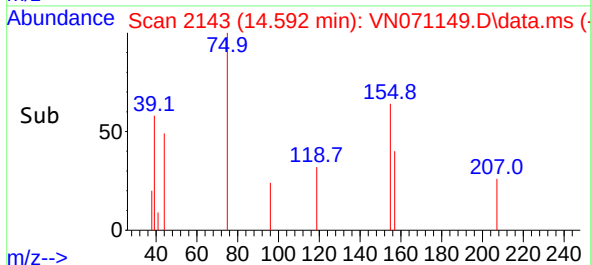
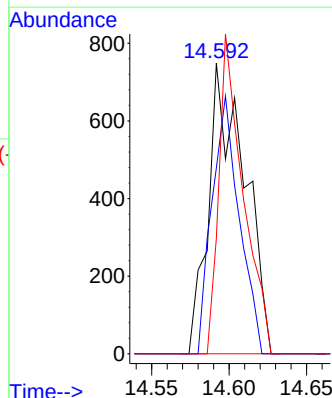
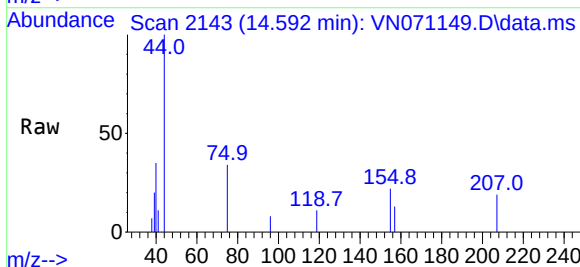
Tgt Ion: 75 Resp: 1214

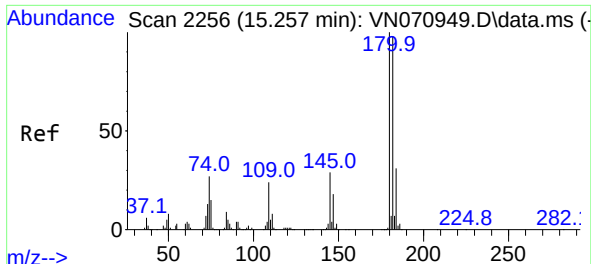
Ion Ratio Lower Upper

75 100

155 66.9 46.9 140.7

157 73.6 60.6 181.7

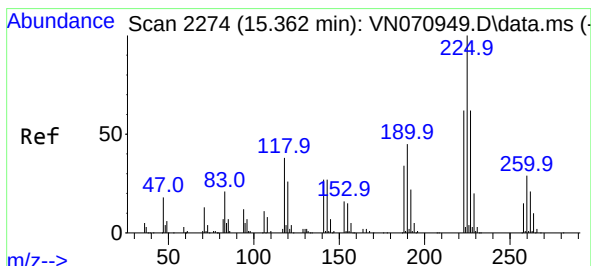
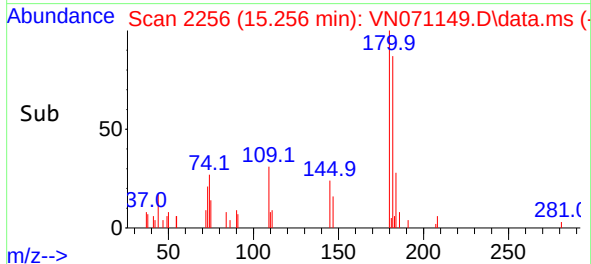
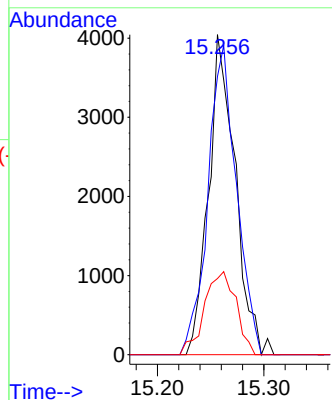
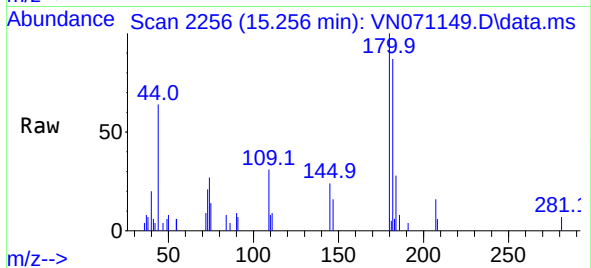




#93
1,2,4-Trichlorobenzene
Concen: 2.891 ug/l
RT: 15.256 min Scan# 211
Delta R.T. -0.001 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

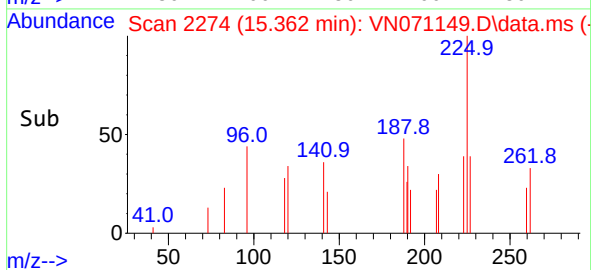
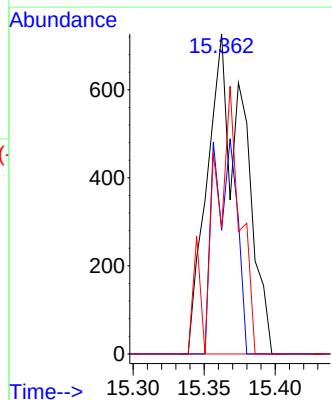
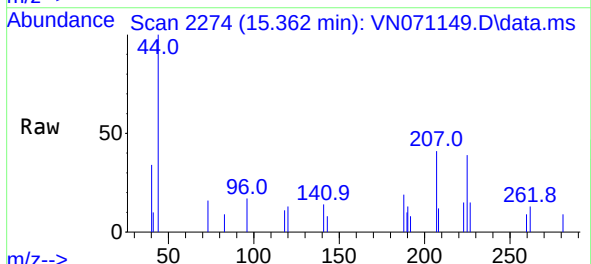
Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

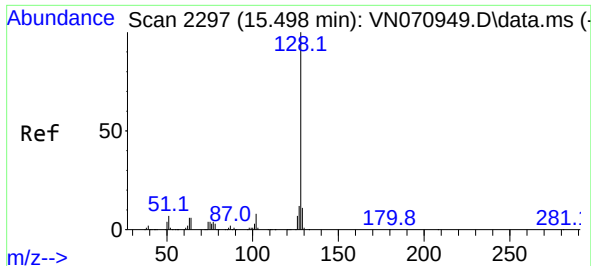
Tgt Ion:	180	Resp:	7047
Ion Ratio	Lower	Upper	
180	100		
182	103.3	48.3	144.9
145	30.7	14.5	43.5



#94
Hexachlorobutadiene
Concen: 0.265 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion:	225	Resp:	1303
Ion Ratio	Lower	Upper	
225	100		
223	42.2	31.9	95.7
227	59.4	32.1	96.3

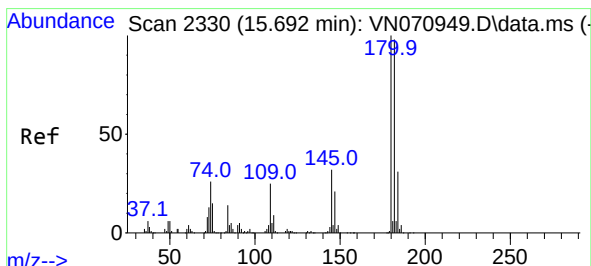
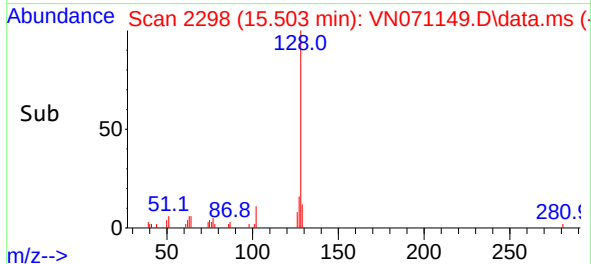
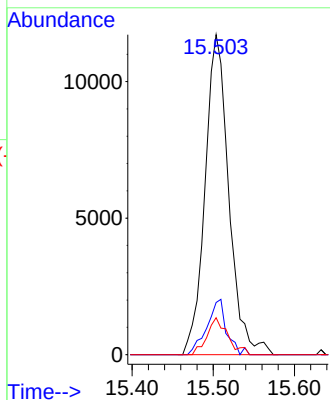
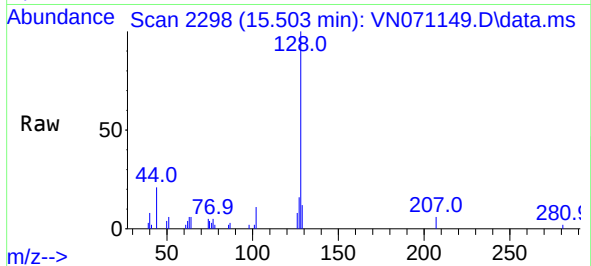




#95
Naphthalene
Concen: 6.157 ug/l
RT: 15.503 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB143059TB

Tgt Ion:128 Resp: 23876
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.540 ug/l
RT: 15.703 min Scan# 2332
Delta R.T. 0.011 min
Lab File: VN071149.D
Acq: 03 Mar 2022 13:33

Tgt Ion:180 Resp: 7537
Ion Ratio Lower Upper
180 100
182 97.4 47.4 142.2
145 32.4 15.0 45.1

