

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074034.D
 Acq On : 19 Aug 2022 18:17
 Operator : JC\MD
 Sample : PB147119ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119ZHE#05

Quant Time: Aug 20 03:07:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

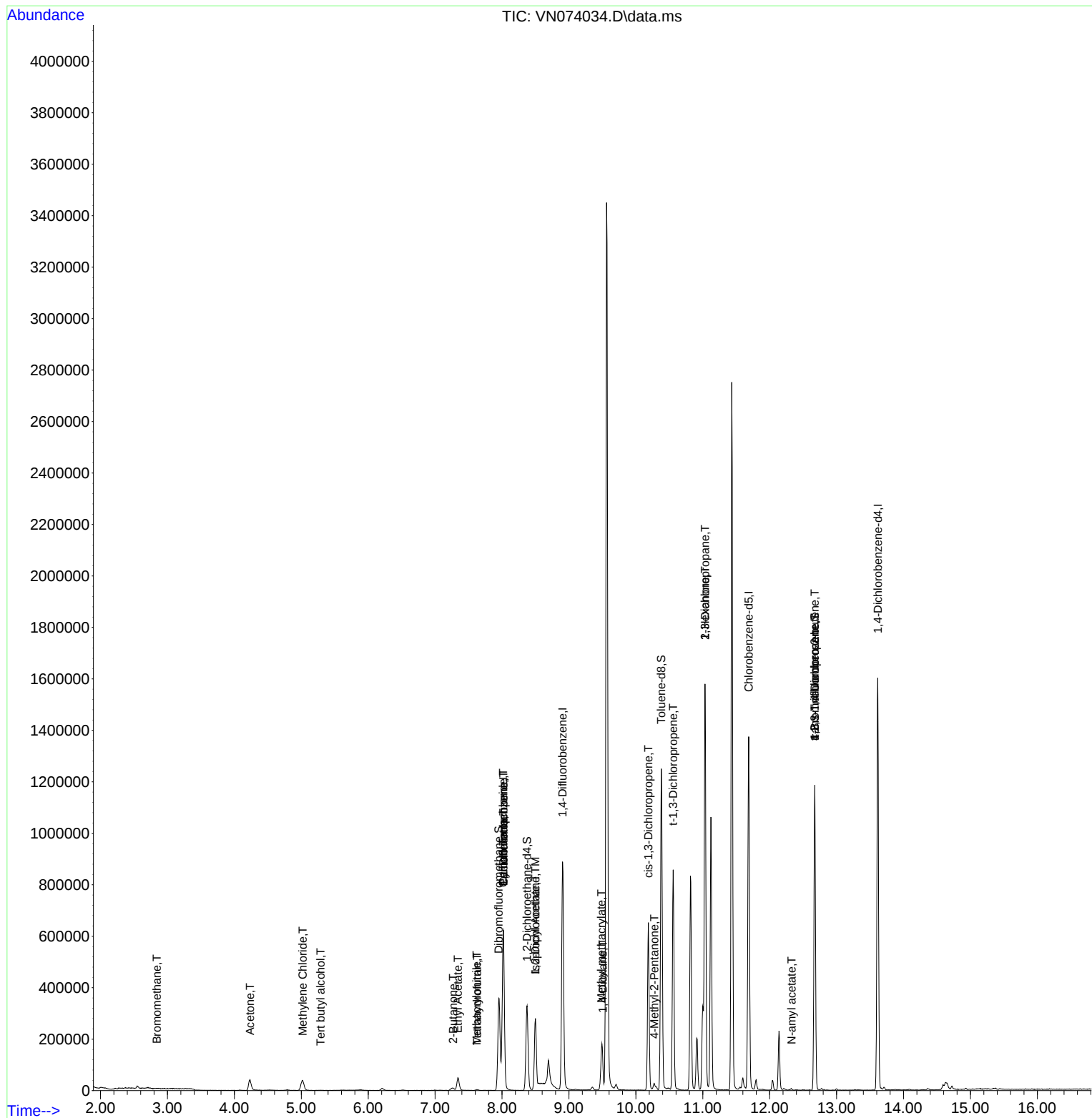
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.022	168	523022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	832097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	832654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	467079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	279569	54.880	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	7.951	113	268262	54.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.020%	
50) Toluene-d8	10.381	98	900347	47.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	12.675	95	388970	61.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.000%	
Target Compounds						Qvalue
5) Bromomethane	2.840	94	1107	0.299	ug/l #	75
11) Tert butyl alcohol	5.287	59	964	0.846	ug/l #	72
16) Acetone	4.234	43	75326	31.342	ug/l	95
18) Methyl Acetate	4.787	43	4930	Below Cal	#	88
20) Methylene Chloride	5.022	84	34809	6.864	ug/l	96
25) 2-Butanone	7.269	43	12385	3.250	ug/l	95
29) Tetrahydrofuran	7.628	42	2317	0.948	ug/l #	48
31) Cyclohexane	8.022	56	8980	1.265	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	35070	5.131	ug/l #	49
37) Ethyl Acetate	7.340	43	74370	8.981	ug/l	98
38) Carbon Tetrachloride	8.016	117	47537	6.085	ug/l #	17
41) Methacrylonitrile	7.622	41	1157	0.309	ug/l #	40
42) 1,2-Dichloroethane	8.498	62	2063	0.278	ug/l #	74
43) Isopropyl Acetate	8.498	43	327280	27.744	ug/l #	91
48) Methyl methacrylate	9.486	41	11086	2.196	ug/l #	37
49) 1,4-Dioxane	9.504	88	55	0.366	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	16175	2.028	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	2192	0.278	ug/l #	42
54) cis-1,3-Dichloropropene	10.186	75	121070	14.034	ug/l #	59
57) 1,3-Dichloropropane	11.033	76	17424	1.862	ug/l #	42
59) 2-Hexanone	11.033	43	208091	33.902	ug/l #	50
74) N-amyl acetate	12.328	43	2619	0.204	ug/l #	39
76) 1,2,3-Trichloropropane	12.675	75	192259	19.804	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	192259	56.326	ug/l #	10

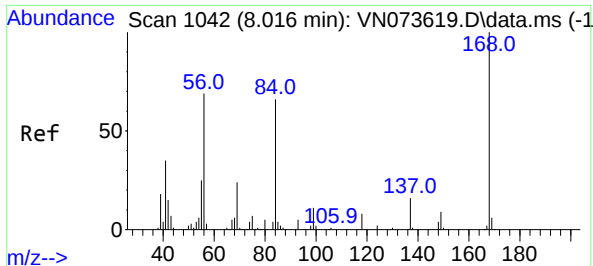
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
Data File : VN074034.D
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Sample : PB147119ZHE#05
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
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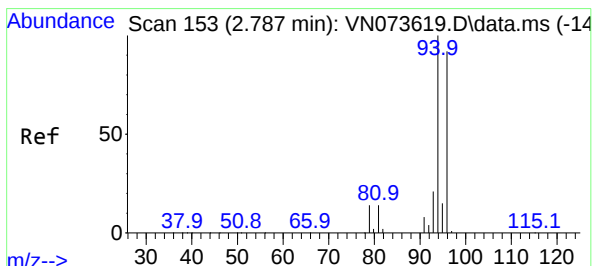
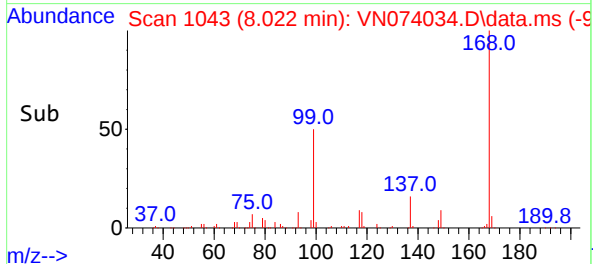
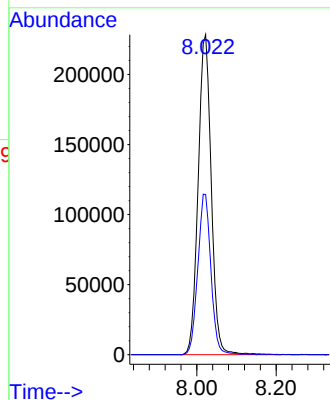
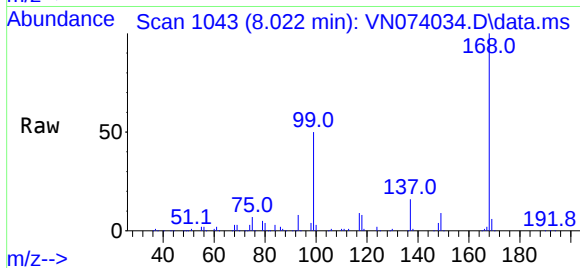




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

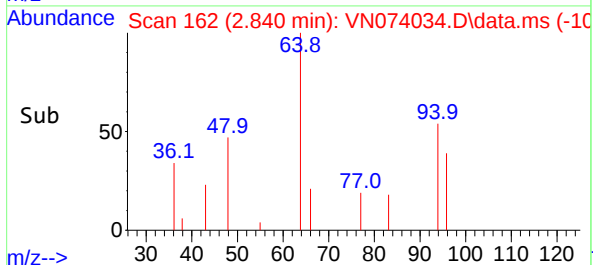
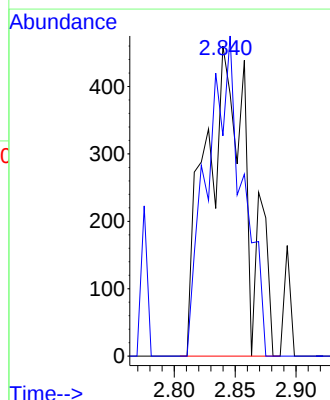
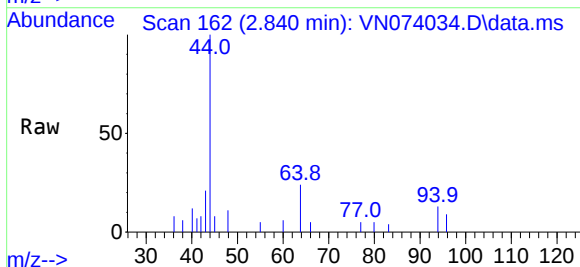
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

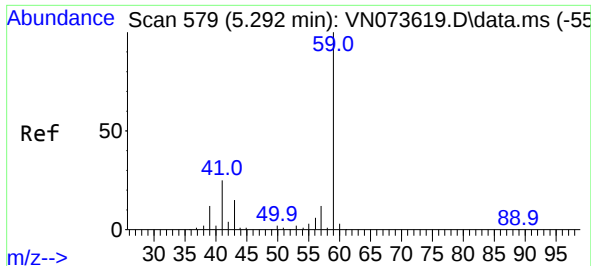
Tgt Ion:168 Resp: 523022
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5



#5
Bromomethane
Concen: 0.299 ug/l
RT: 2.840 min Scan# 162
Delta R.T. 0.053 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 94 Resp: 1107
Ion Ratio Lower Upper
94 100
96 71.1 76.0 114.0#





#11

Tert butyl alcohol

Concen: 0.846 ug/l

RT: 5.287 min Scan# 51

Delta R.T. -0.005 min

Lab File: VN074034.D

Acq: 19 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

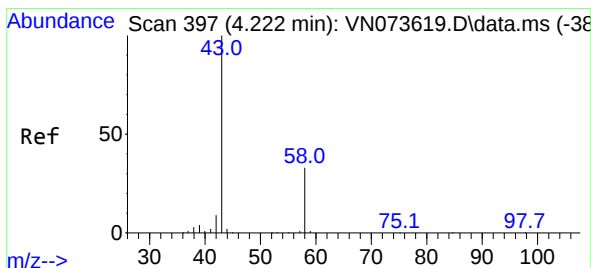
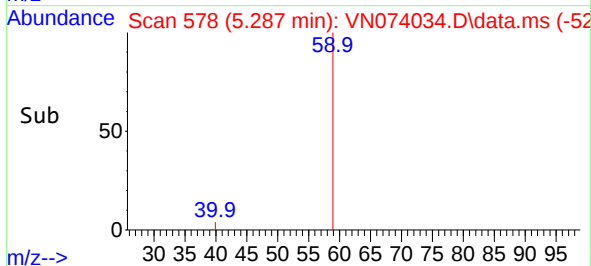
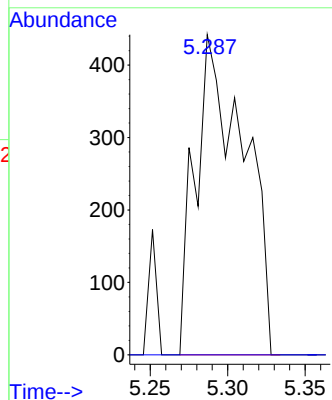
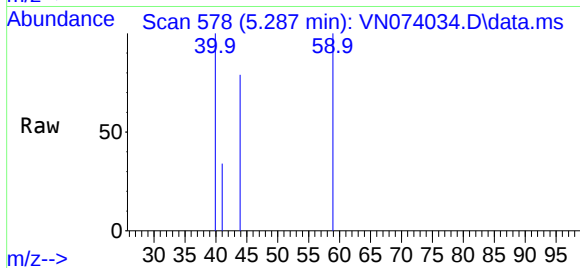
PB147119ZHE#05

Tgt Ion: 59 Resp: 964

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 31.342 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN074034.D

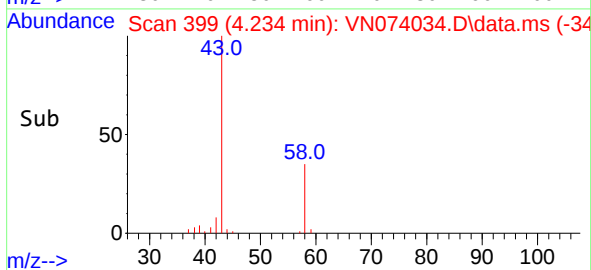
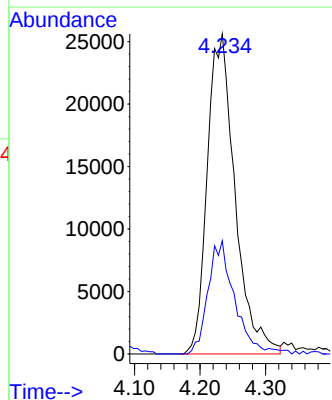
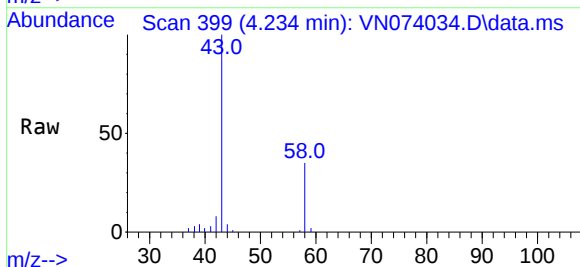
Acq: 19 Aug 2022 18:17

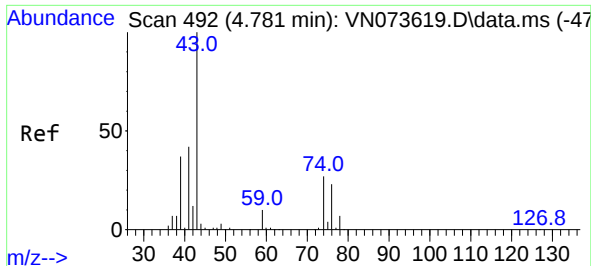
Tgt Ion: 43 Resp: 75326

Ion Ratio Lower Upper

43 100

58 35.4 26.0 39.0

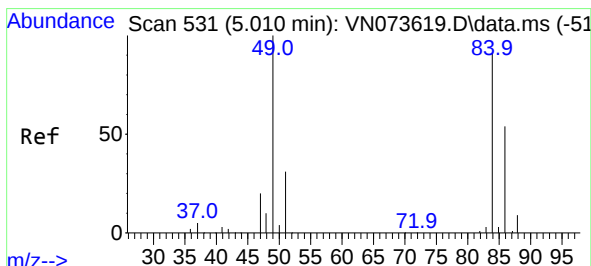
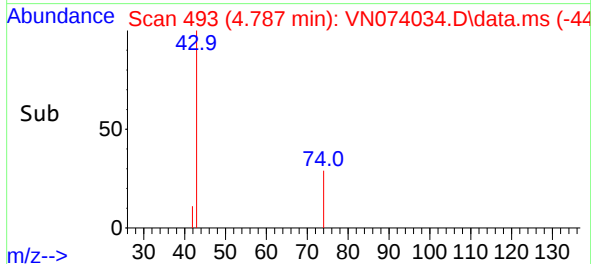
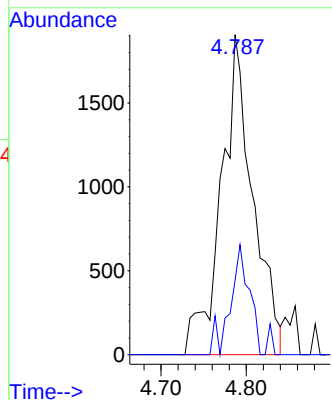
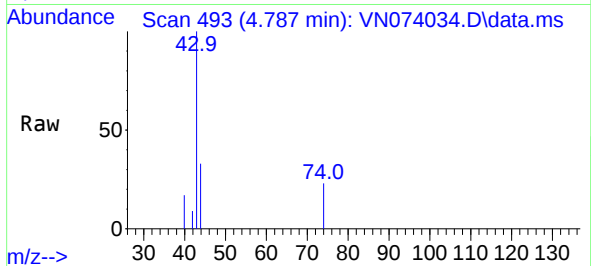




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

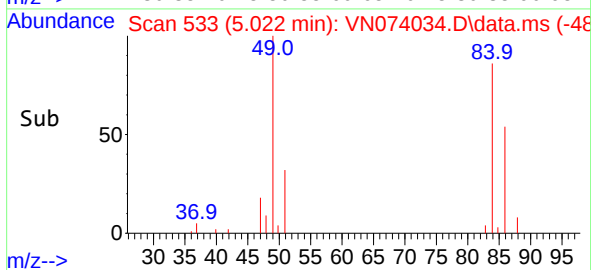
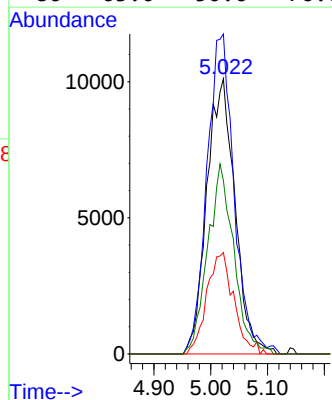
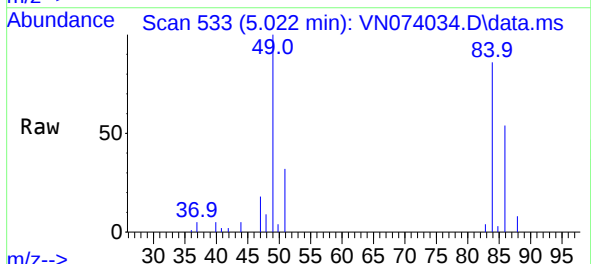
Instrument :
MSVOA_N
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PB147119ZHE#05

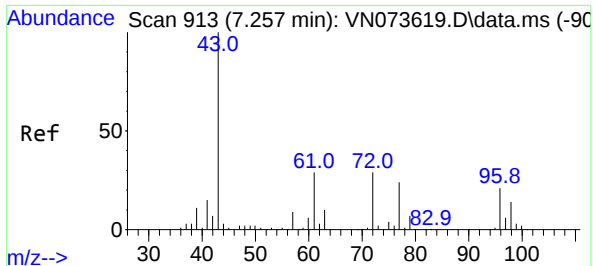
Tgt Ion: 43 Resp: 4930
Ion Ratio Lower Upper
43 100
74 20.6 21.6 32.4#



#20
Methylene Chloride
Concen: 6.864 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 84 Resp: 34809
Ion Ratio Lower Upper
84 100
49 116.3 88.3 132.5
51 36.8 28.2 42.2
86 63.0 50.6 76.0





#25

2-Butanone

Concen: 3.250 ug/l

RT: 7.269 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN074034.D

Acq: 19 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

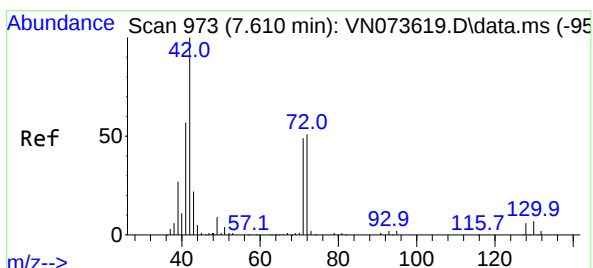
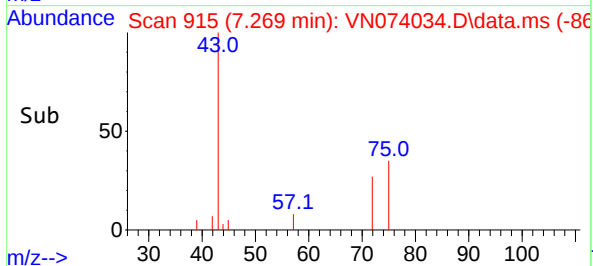
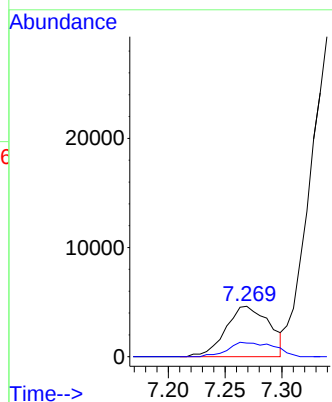
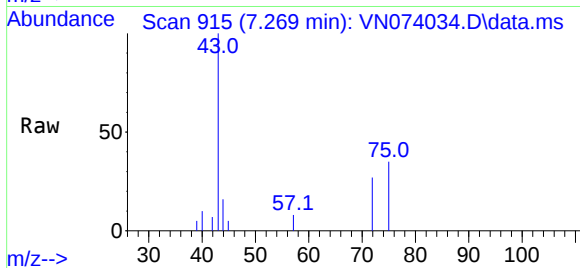
PB147119ZHE#05

Tgt Ion: 43 Resp: 12385

Ion Ratio Lower Upper

43 100

72 27.0 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.948 ug/l

RT: 7.628 min Scan# 976

Delta R.T. 0.018 min

Lab File: VN074034.D

Acq: 19 Aug 2022 18:17

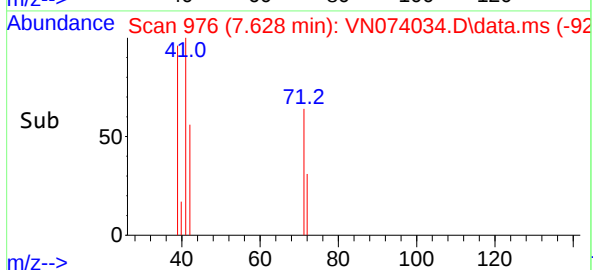
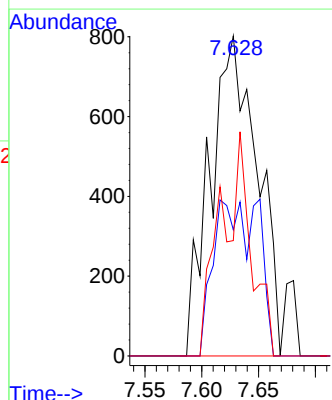
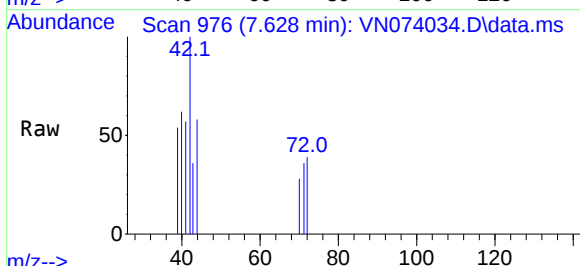
Tgt Ion: 42 Resp: 2317

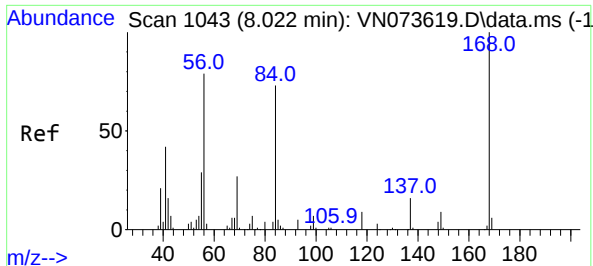
Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 26.3 36.6 55.0#

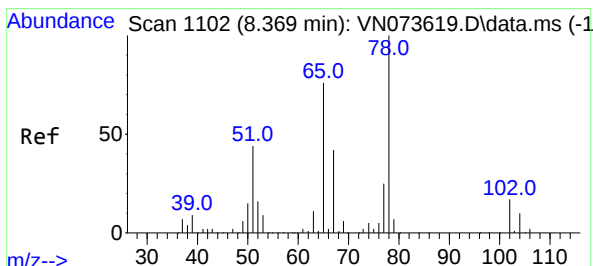
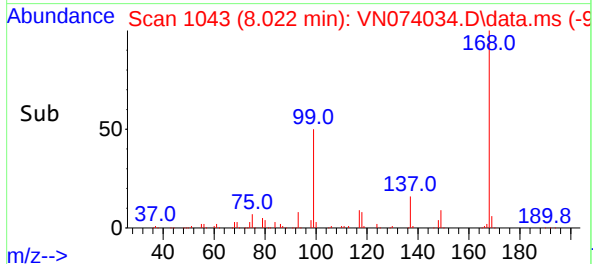
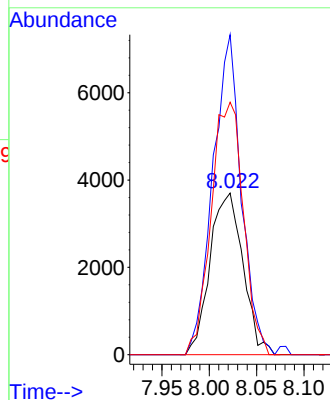
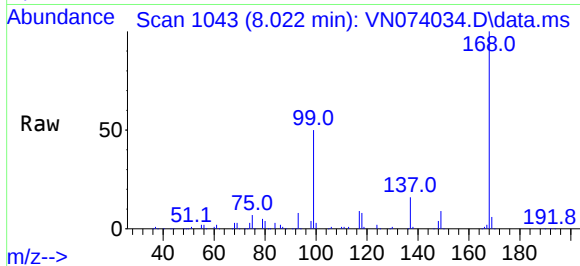




#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

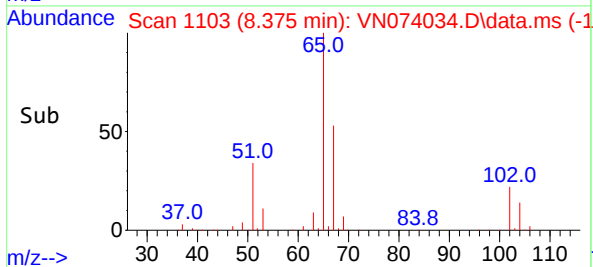
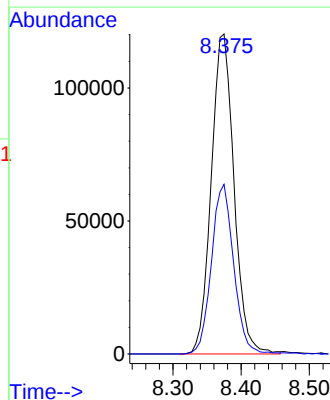
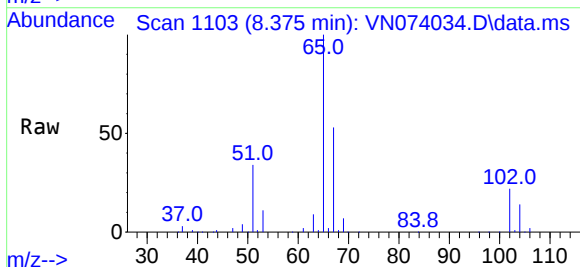
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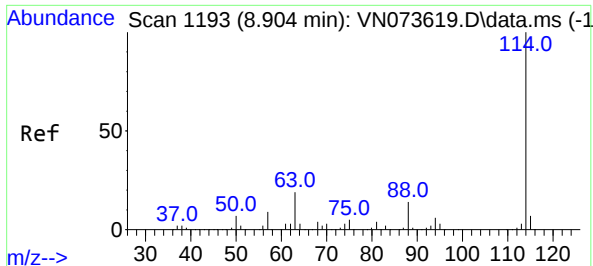
Tgt Ion: 56 Resp: 8980
Ion Ratio Lower Upper
56 100
69 198.0 27.8 41.8#
84 156.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 54.880 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 65 Resp: 279569
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

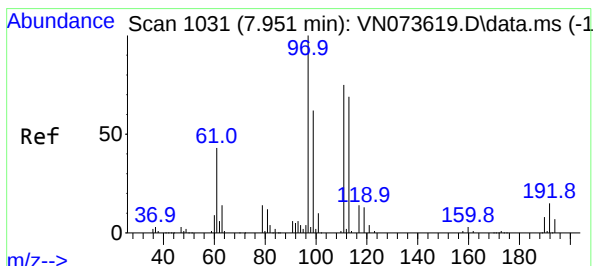
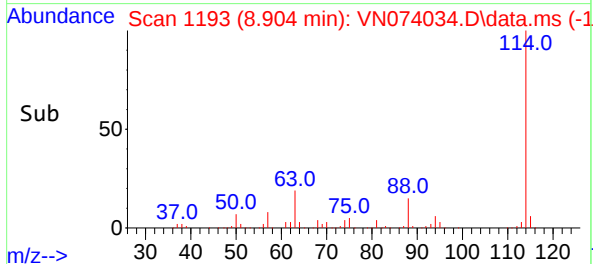
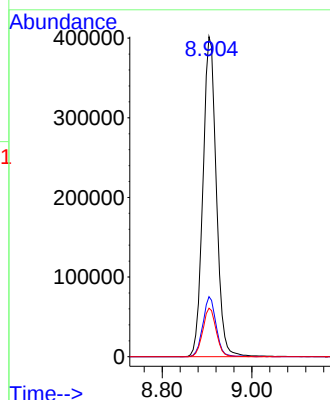
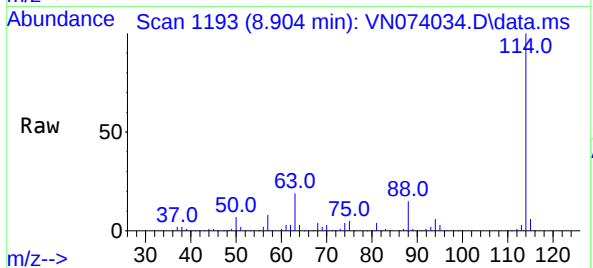




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

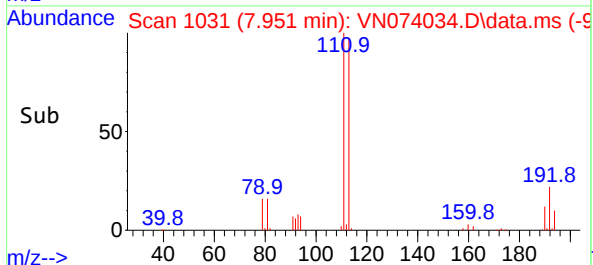
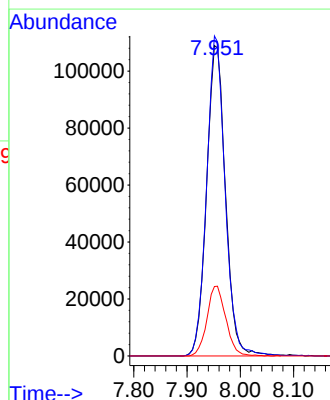
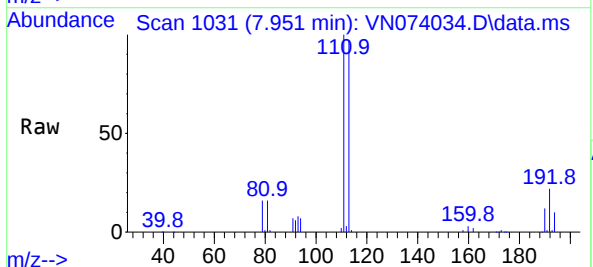
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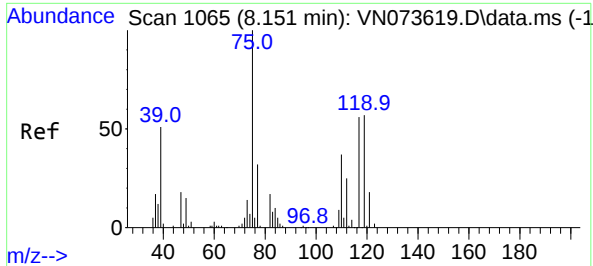
Tgt Ion:114 Resp: 832097
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion:113 Resp: 268262
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 22.5 17.0 25.6

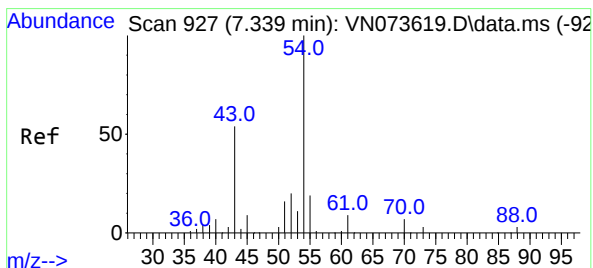
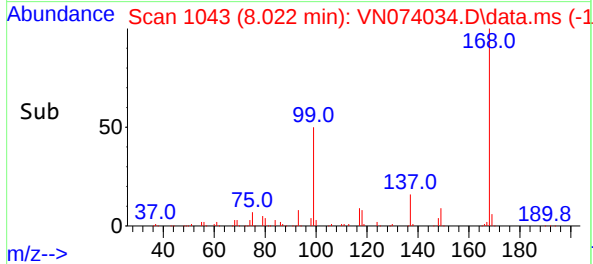
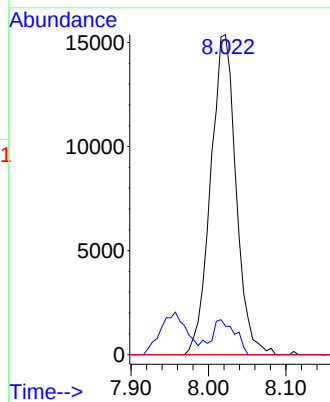
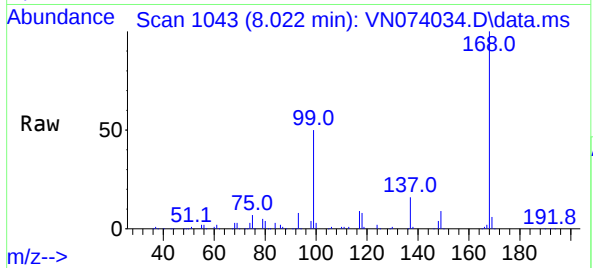




#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

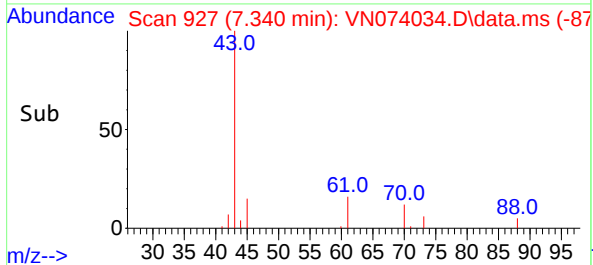
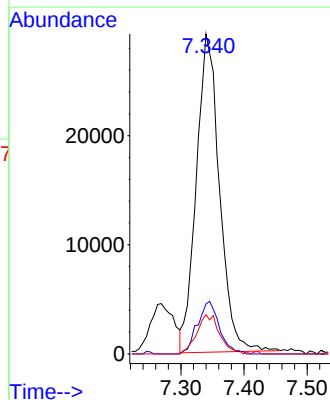
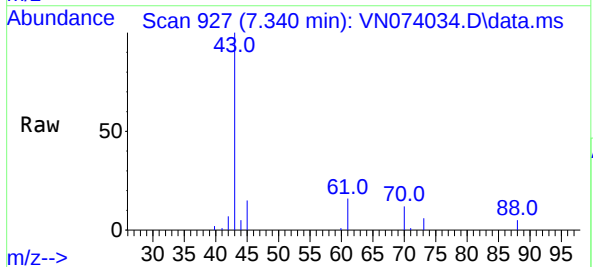
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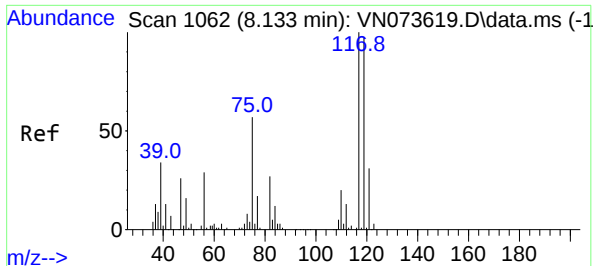
Tgt Ion: 75 Resp: 35070
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 8.981 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.001 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

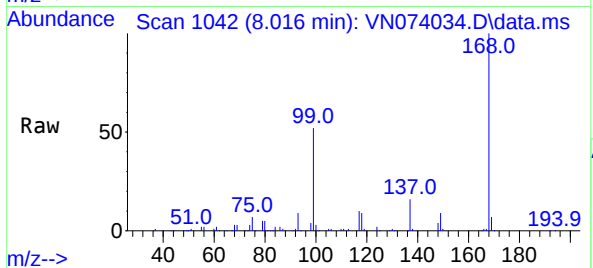
Tgt Ion: 43 Resp: 74370
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 12.2 9.3 13.9



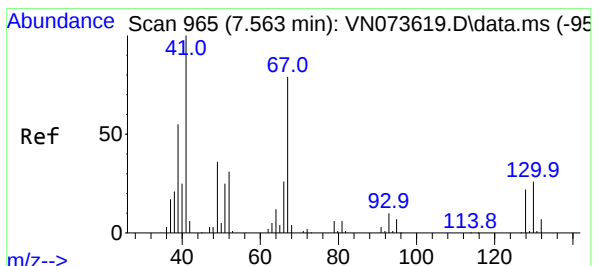
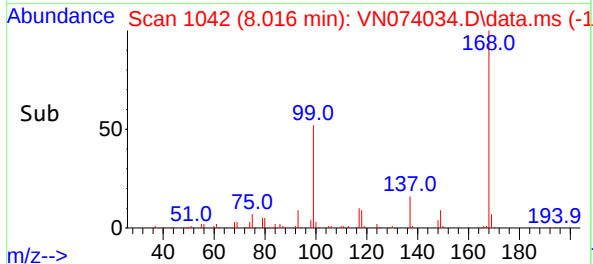
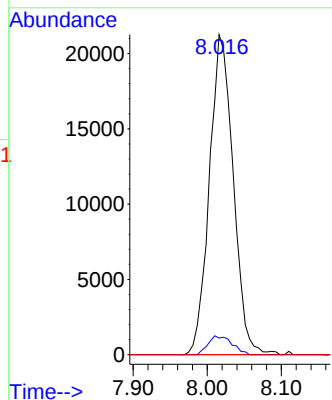


#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

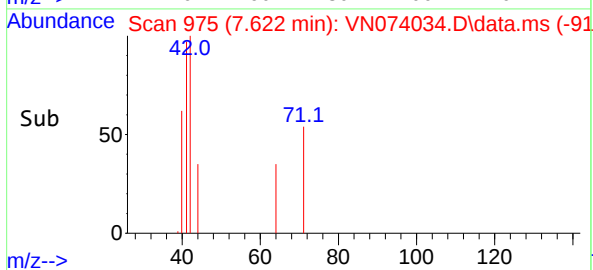
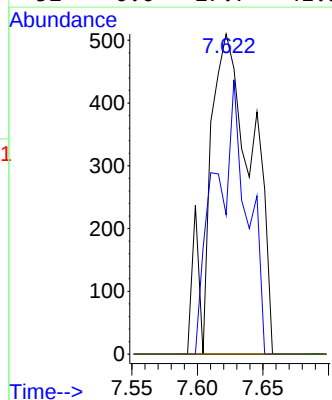
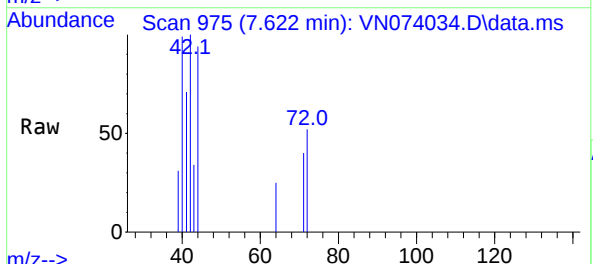


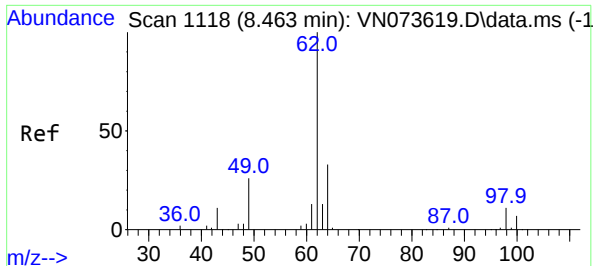
Tgt Ion:117 Resp: 47537
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.309 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.059 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 41 Resp: 1157
Ion Ratio Lower Upper
41 100
39 64.0 48.6 73.0
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 0.278 ug/l

RT: 8.498 min Scan# 1118

Delta R.T. 0.035 min

Lab File: VN074034.D

Acq: 19 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

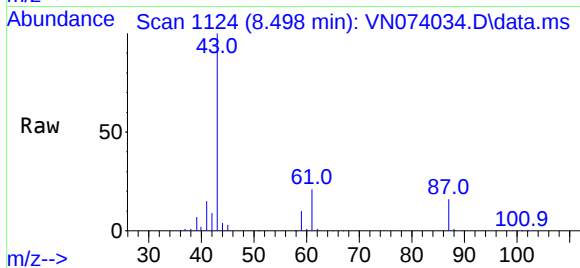
PB147119ZHE#05

Tgt Ion: 62 Resp: 2063

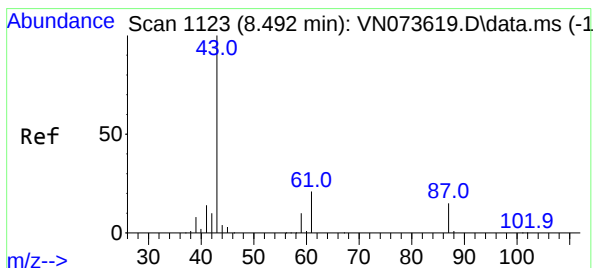
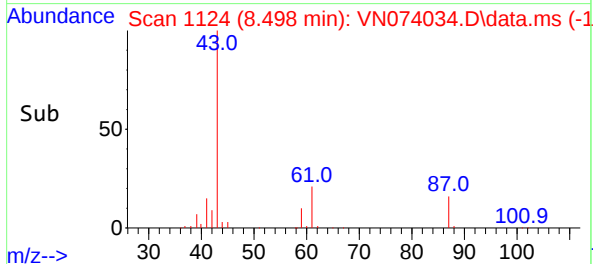
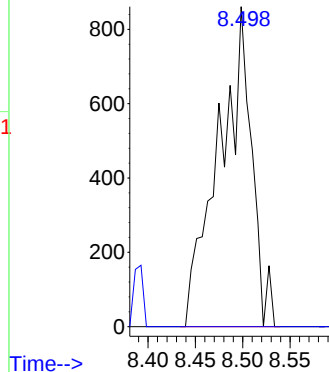
Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



Abundance



#43

Isopropyl Acetate

Concen: 27.744 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN074034.D

Acq: 19 Aug 2022 18:17

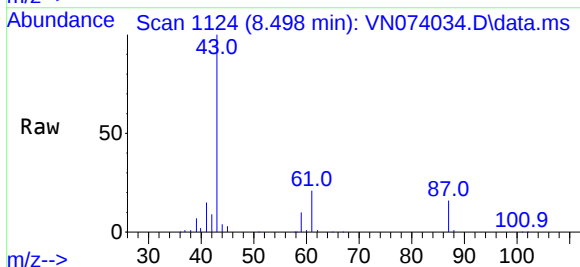
Tgt Ion: 43 Resp: 327280

Ion Ratio Lower Upper

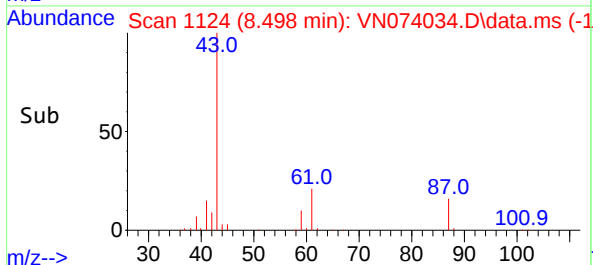
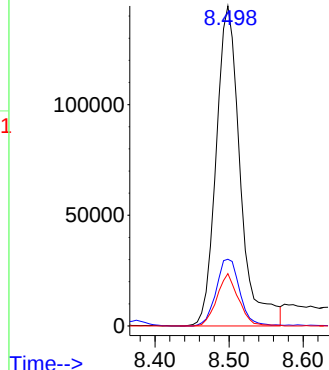
43 100

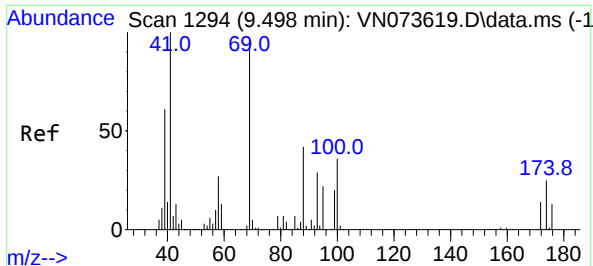
61 20.5 21.9 32.9#

87 14.6 12.0 18.0



Abundance

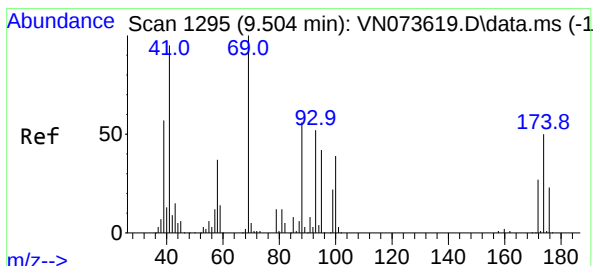
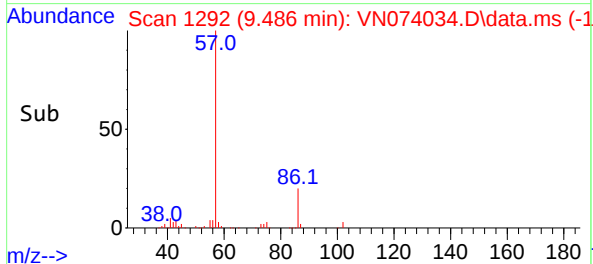
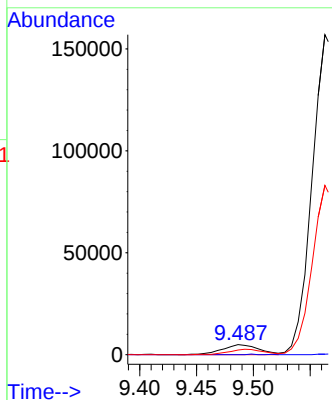
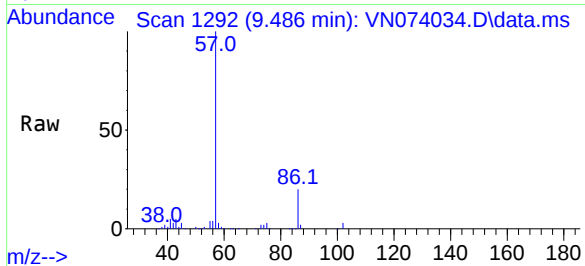




#48
Methyl methacrylate
Concen: 2.196 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

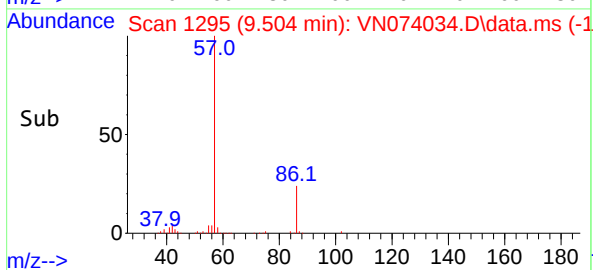
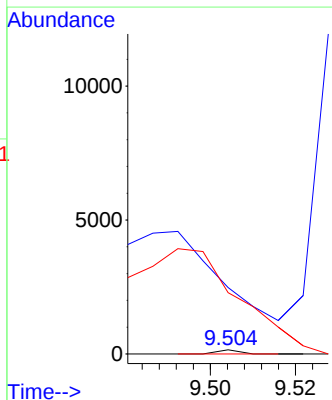
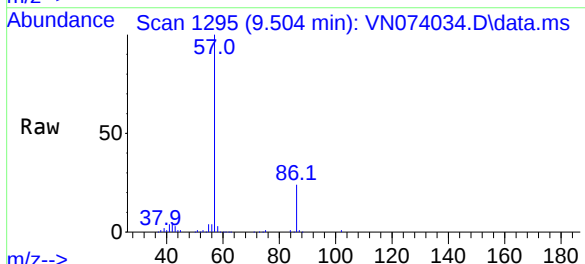
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

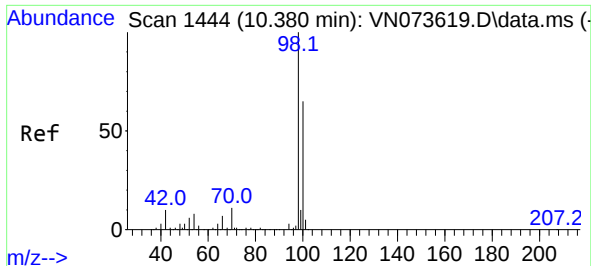
Tgt Ion: 41 Resp: 11086
Ion Ratio Lower Upper
41 100
69 1.0 74.7 112.1#
39 51.2 45.6 68.4



#49
1,4-Dioxane
Concen: 0.366 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 15205.5 54.2 81.4#

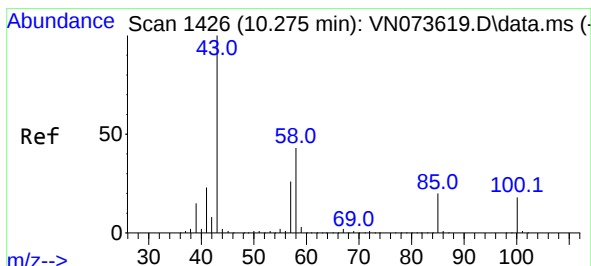
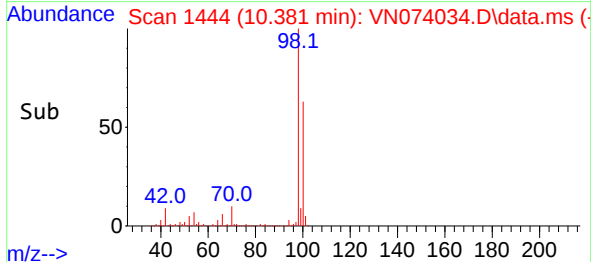
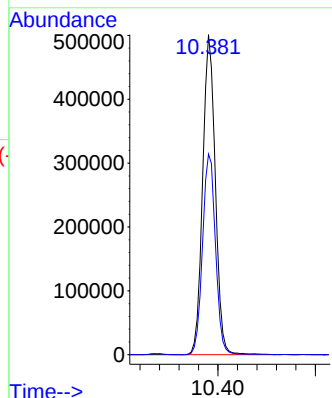
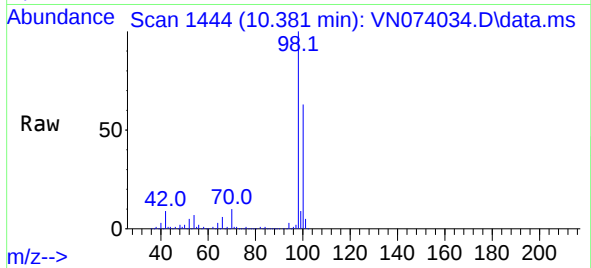




#50
Toluene-d8
Concen: 47.242 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

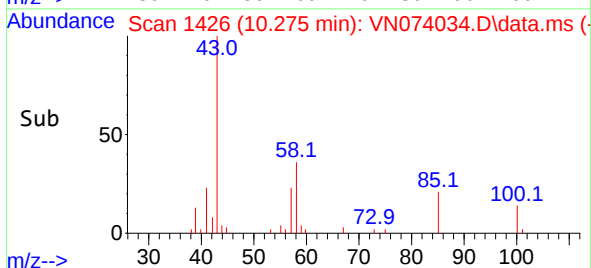
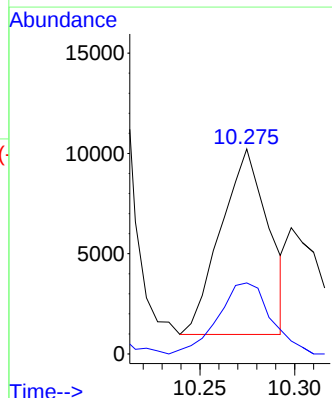
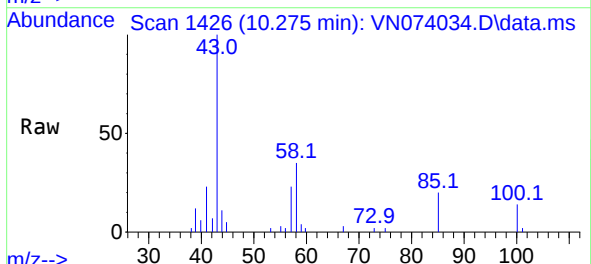
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

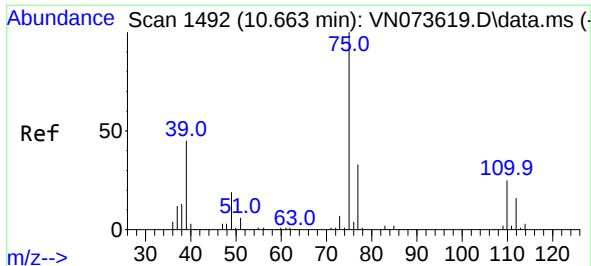
Tgt Ion: 98 Resp: 900347
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.028 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 43 Resp: 16175
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1

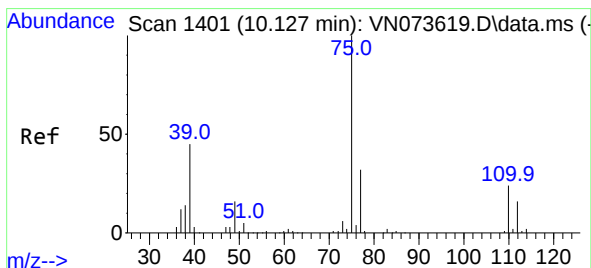
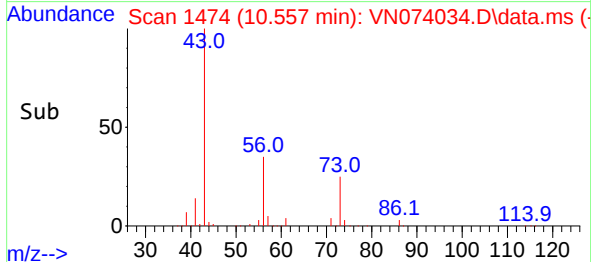
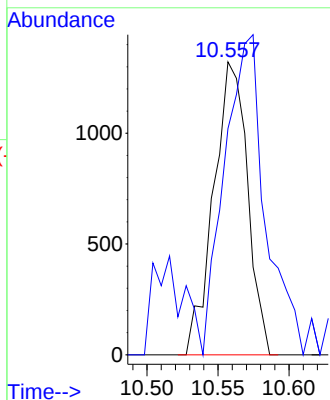
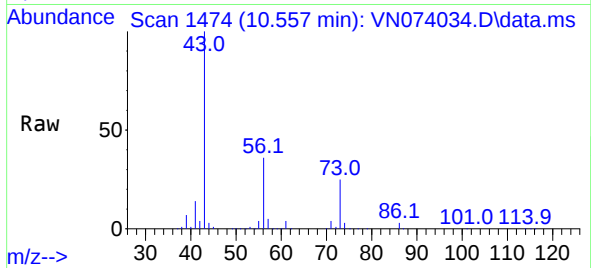




#53
 t-1,3-Dichloropropene
 Concen: 0.278 ug/l
 RT: 10.557 min Scan# 1411
 Delta R.T. -0.106 min
 Lab File: VN074034.D
 Acq: 19 Aug 2022 18:17

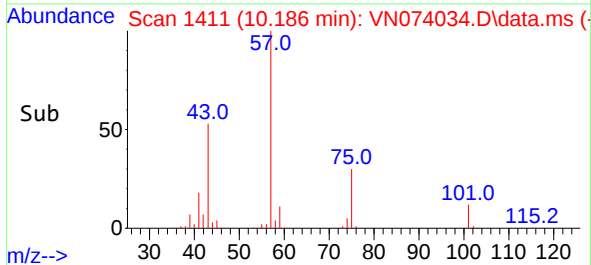
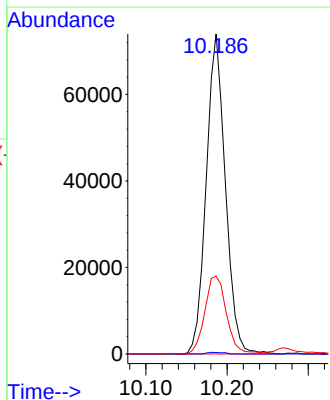
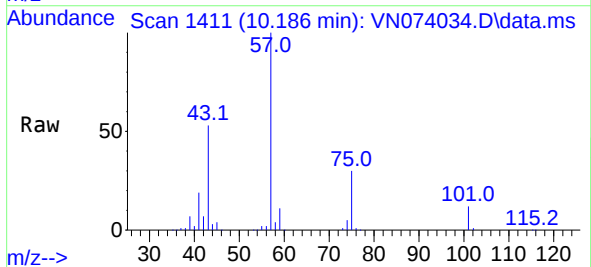
Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119ZHE#05

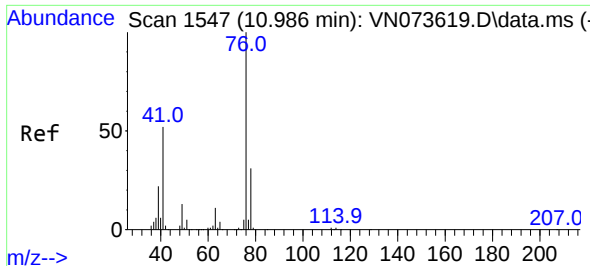
Tgt Ion: 75 Resp: 2192
 Ion Ratio Lower Upper
 75 100
 77 64.3 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 14.034 ug/l
 RT: 10.186 min Scan# 1411
 Delta R.T. 0.059 min
 Lab File: VN074034.D
 Acq: 19 Aug 2022 18:17

Tgt Ion: 75 Resp: 121070
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 24.4 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 1.862 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.047 min

Lab File: VN074034.D

Acq: 19 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

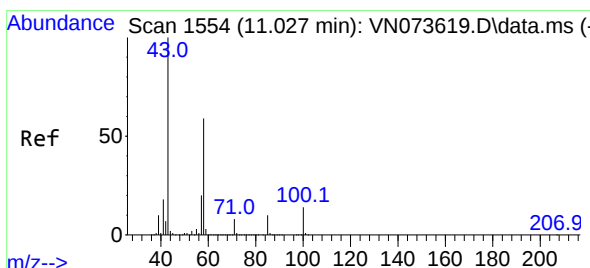
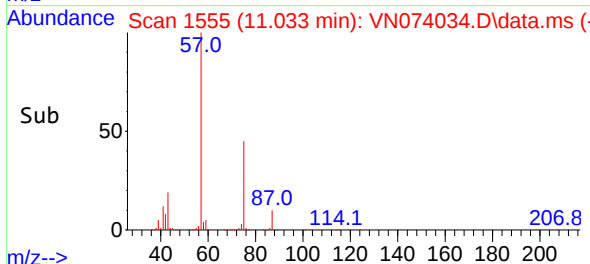
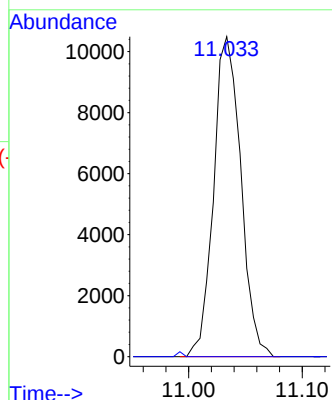
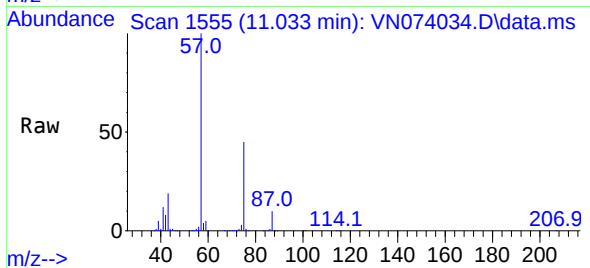
PB147119ZHE#05

Tgt Ion: 76 Resp: 17424

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 33.902 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN074034.D

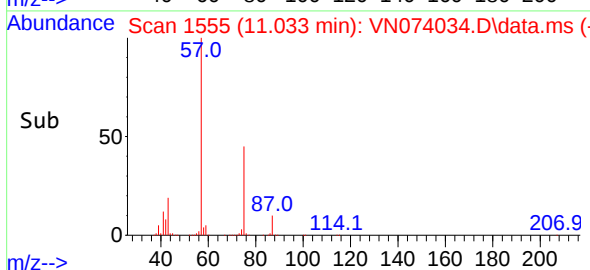
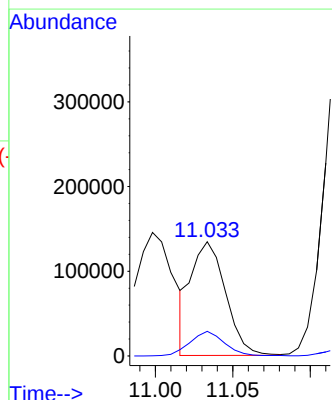
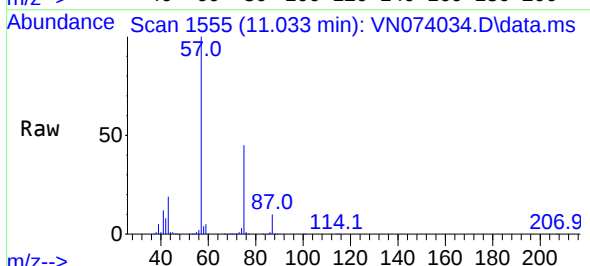
Acq: 19 Aug 2022 18:17

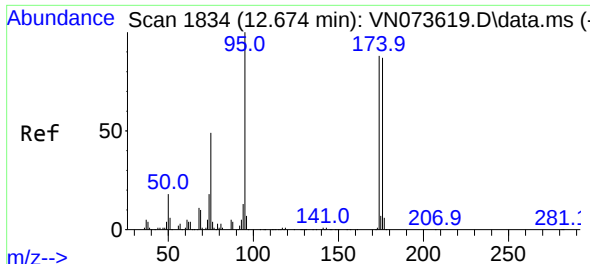
Tgt Ion: 43 Resp: 208091

Ion Ratio Lower Upper

43 100

58 21.9 29.7 89.1#

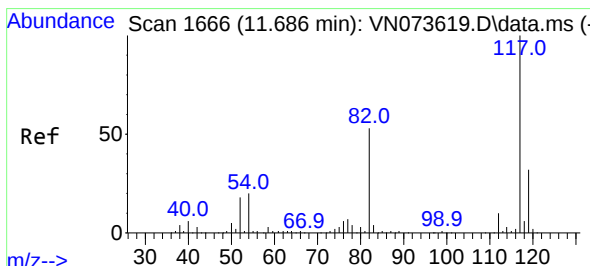
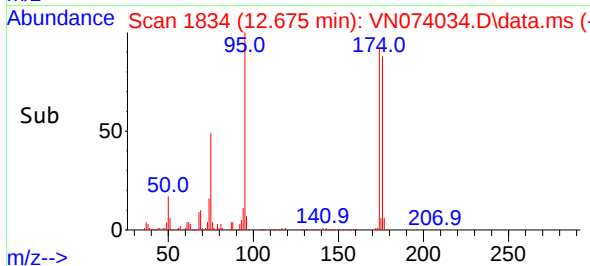
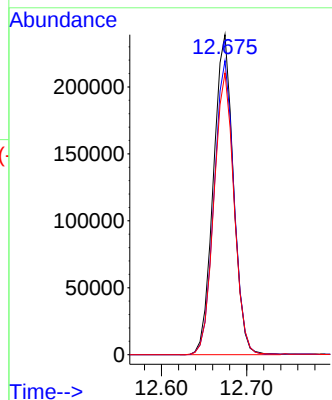
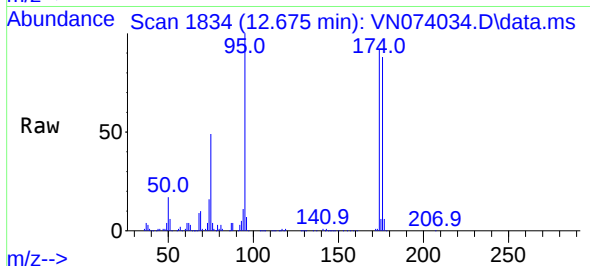




#62
4-Bromofluorobenzene
Concen: 61.496 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

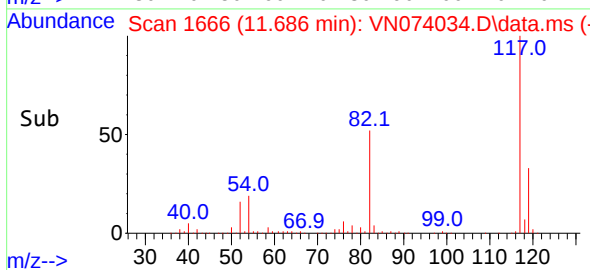
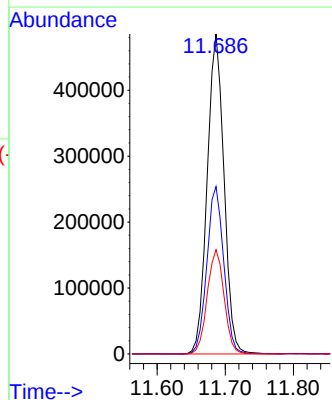
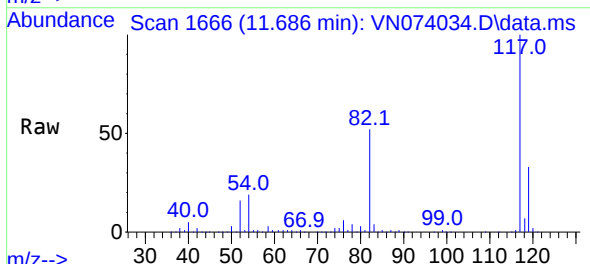
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

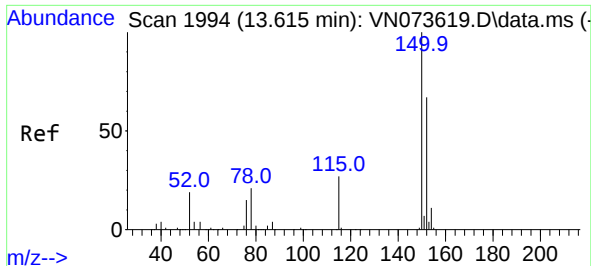
Tgt Ion: 95 Resp: 388970
Ion Ratio Lower Upper
95 100
174 91.7 0.0 167.6
176 88.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

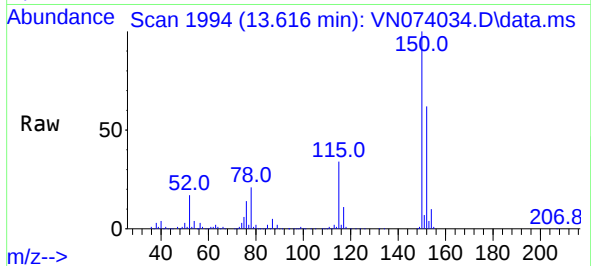
Tgt Ion: 117 Resp: 832654
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.6 25.4 38.0



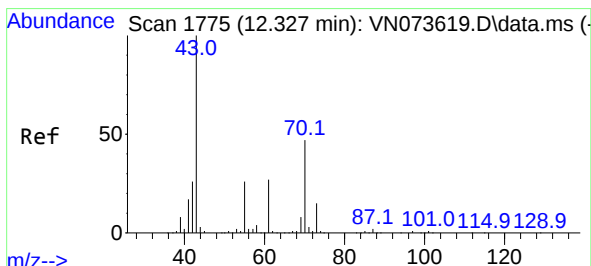
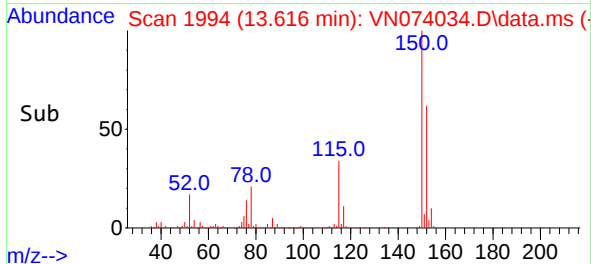
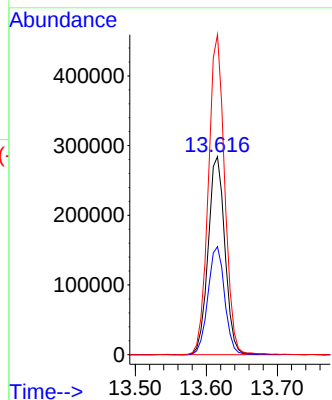


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

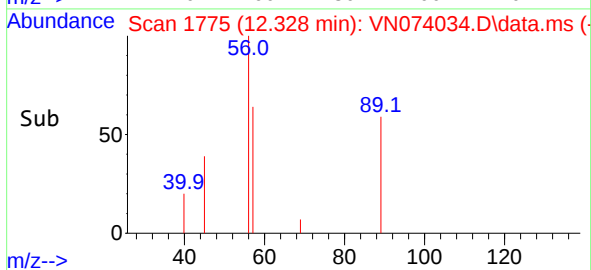
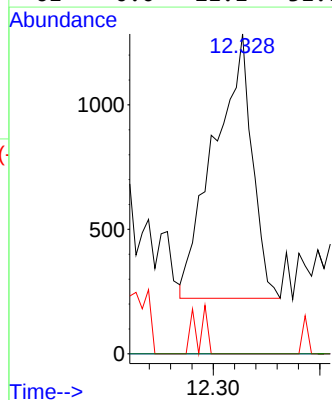
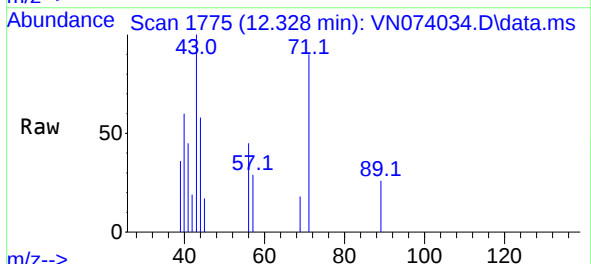


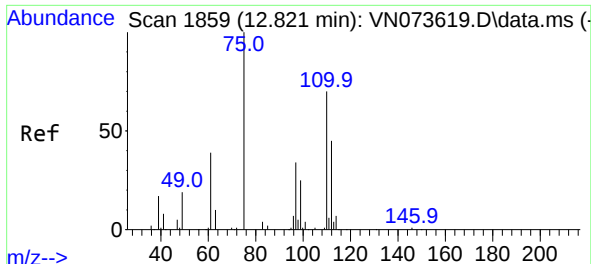
Tgt Ion:152 Resp: 467079
Ion Ratio Lower Upper
152 100
115 54.5 28.9 86.7
150 157.2 0.0 356.2



#74
N-ethyl acetate
Concen: 0.204 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.001 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

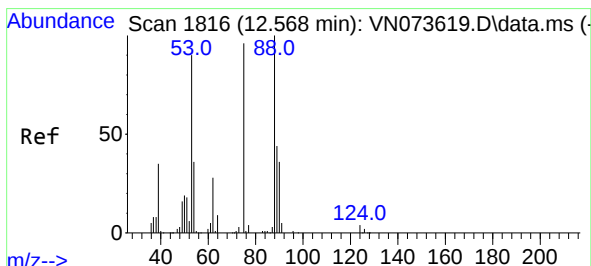
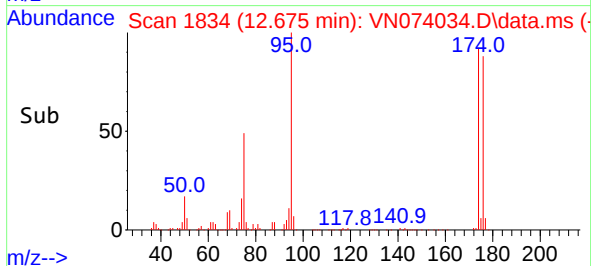
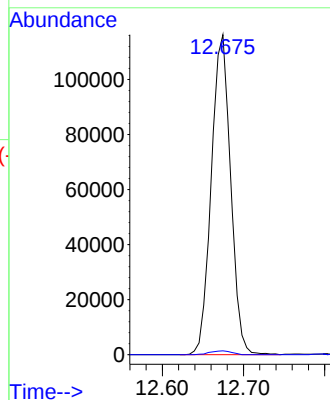
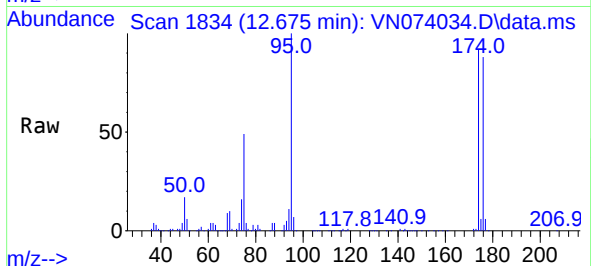




#76
1,2,3-Trichloropropane
Concen: 19.804 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#05

Tgt Ion: 75 Resp: 192259
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.326 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.107 min
Lab File: VN074034.D
Acq: 19 Aug 2022 18:17

Tgt Ion: 75 Resp: 192259
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

